CHEMIST AND DRUGGIST

RETAILER — WHOLESALER — MANUFACTURER
MAY 24, 1952



Anaesthesia

Now a highly specialised field of modern medicine, anaesthesia has made tremendous advances during the last fifty years. Technique has been perfected, and vastly improved apparatus has been designed and Jeveloped. In addition, the anaesthetist has at his disposal valuable new agents such as 'Kemithal', 'Trilene', cyclopropane, and d-tubocurarine, which provide him with an efficient answer to many of the anaesthetic problems he encounters.

MPERIAL CHEMICAL (PHARMACEUTICALS) LTD.

A subsidiary company of Imperial Chemical Industries Limited Wilmslow, Manchester





CASH IN ON WRIGHT'S BIG BONUS OFFER!

(OFFER CLOSES MAY 31st)

WRIGHT'S COAL TAR SHAVING STICK AND REFILLS WRIGHT'S COAL TAR LATHER SHAVING CREAM

Every twelfth sale of Wright's Coal Tar Shaving Stick or Shaving Cream will ring extra merrily on the cash register bell of retailers who order these quick-selling lines before May 31—it will be ALL profit.

Special publicity now appearing in the National Press will bring sales, so don't delay—send a stocking-up order today.



FOR YOU AND YOUR CUSTOMERS -

WRIGHT'S is right!

WRIGHT LAYMAN & UMNEY LIMITED, 42-50 SOUTHWARK STREET, LONDON, S.E.I

GIAXO STANDARO PARCELS bring you

The "extras" that go with Glaxo Standard Parcels are real business assets. They include generous discounts ... convenience of ordering ... prompt delivery . . . and, with many parcels, colourful display material.

Saving Convenience displays

PRODUCT	PARCEL No.	CONTENTS	TRAI	DE PRICE
ADEXOLIN CAPSULES	*	2 doz. × 25	£1 12	0 net
ADEXOLIN CAPSULES	2*	1 doz. × 100	£2 8	0 net
ADEXOLIN LIQUID	4*	2 doz. × ⅓-oz.	£1 16	0 net
ADEXOLIN LIQUID	5	1 doz. × 2-oz.	£2 8	0 net
ADEXOCAL TABLETS	3*	I doz. × 50	£1 6	8+P.T. 10/-
ANETHAINE OINTMENT	(*	I doz. 3-oz. tubes	£I 8	0 net
FERSOLATE	1	2 doz. × 100	£1 4	0+P.T. 9/-
FLAVOGEL	[*	2 doz. 1-oz. tubes	£1 4	0 net
MERSAGEL	1	2 doz. 1½-oz. tubes	£1 12	0 net
MINADEX	1	2 doz. × 6-oz. bots	£2 0	0+P.T. 15/-
MINADEX	2	I doz. \times I2-oz. bots.	£1 14	8+P.T. 13/-
NICORBIN TABLETS	[*	1 doz. × 50	£1 12	0 net
OSTOCALCIUM TABLETS	1*	2 doz. × 50	£1 16	0+P.T. 13/6
OSTOCALCIUM TABLETS	2*	1 doz. × 100	£1 12	0+P.T. 12/-
CASILAN	2	I doz. $ imes$ 8-oz. tins	£2 0	6 net
FAREX	5	2 doz. \times 10-oz. ctns.	£1 4	0 net
GLUCODIN	- 11	2 doz. × I-lb. ctns.	£2 5	4 net
OSTERMILK (No. 1 and No. 2)	2 doz. or			
Minimum 24 tins;		16-oz. tins, £1 15 8 pe		
in units of 12 tins	4 doz. ×	16-oz. tins, £1 14 2 pe	r doz.	

^{*} Packed with display outers

Please order parcels direct from Greenford, quoting your wholesaler's name for invoicing purposes

-AXO LABORATORIES LIMITED, GREENFORD, MIDDLESEX BYRON 3434

FOR PRESCRIPTION



The problem of prescribing calcium aspirin free from decomposition products belongs to the past. This valuable analgesic can be dispensed in the form of Solprin, which is not advertised to the public.

Solprin, a stable preparation in tablet form, is soluble, and combines the convenience of aspirin tablets with the therapeutic advantages of pure calcium aspirin. Its analgesic, sedative and anti-rheumatic properties, and the fact that even in large amounts it is unlikely to produce gastric disturbances, have been confirmed over a period in clinical trials carried out in leading hospitals.

The SOLPRIN prescription pack contains 300 tablets, air sealed in foils of 6. Price 8/- per box (free of P.T.)

AVAILABLE IN THE U.K. AND NORTHERN IRELAND ONLY



Strains and sprains constitute a widespread problem during the "open air" months. Crookes Iodine Oil helps the speedy remobilization of joints and is used for the treatment of fibrositis and myositis; also in the field of chiropody. It is non-toxic, non-irritant, non-staining and yet highly active and readily absorbed.

Bonus Terms: 1 oz. and 4 oz. bottles available at 13 to the dozen.



CROOKES IODINE OIL





The line you have been waiting for!

A BRITISH DISTILLED

WITCHAZEL LOTION For Sunburn, Eye Lotions, etc.

'ASTRINGEX' WITCHAZEL LOTION

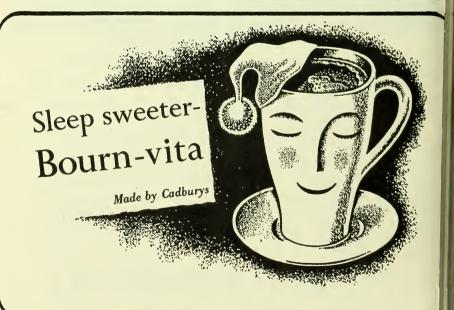
(LOTIO HAMAMELIIS ASTRINGENS)

Attractively packed in 3 oz. Ovals Price 10/3 doz. plus $33\frac{1}{3}\%$ P. tax.



ackie pomeroy street, London, s.e.14

Phone: NEW CROSS 1122

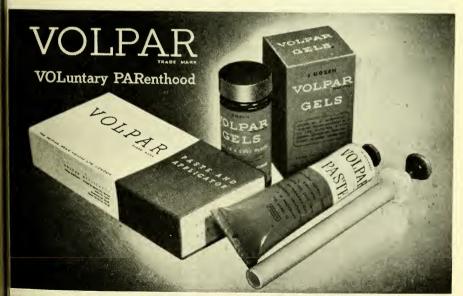


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Volpar Gels Bottle of one doz; Pharmacists 1/8 Retail 2/6 ★ Volpar Paste Collapsible tube; Pharmacists 1/8 Retail 2/6 Volpar Paste and Applicator; Pharmacists 4/- Retail 6/-

THE BRITISH DRUG HOUSES LTD. LONDON N.I

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This little piggie is bringing you bigger sales



As you know, you can beckon your cutomers in with attractive window bills, the type illustrated here.

This picture forms a Window Stick 14" × 9", and also appears in the curre advertising for Heinz Strained Foods, whic goes into 28 magazines read by ov 11,000,000 women.

So, from the magazine page to yor counter, "This Little Piggie" is doing a gre sales job. The new, attractive "This Litt Piggie" display material is available fro your Heinz representative. You can use it remind your customers that the Straine Foods their babies need can be boug from you.

HEINZ STRAINE FOODS

16 varieties: each 7d.

Tipping the scales in the patient's favour...

STENEDIOL

(METHYLANDROSTENEDIOL. ORGANON)

Specific treatment of wasting diseases is considerably assisted by Stenediol.

Stenediol promotes weight, improves muscle tone and builds tissue by ensuring maximum retention of protein from food intake.

- ORALLY ACTIVE
- NO SIDE EFFECTS
- NO GASTRIC DISTURBANCE

Price List on request



RGANON LABORATORIES

BRETTENHAM HOUSE, LANCASTER PLACE, LONDON, W.C.2.

elephone: TEMPLE BAR 6785/6/7, 0251/2. Telegrams: MENFORMON, RAND, LONDON.



THE 'COX'
ORGANIZATION
Offers
UNRIVALLED
FACILITIES
for the
LARGE-SCALE
SCIENTIFIC
PRODUCTION
Of
PILLS and
TABLETS

Inquiries are invited for supplies in Bulk or Packed, Standard or Special Formulæ

ARTHUR H. COX & Co. Ltd Brighton, 7 · SUSSEX



Sensitive skins

Cuticura Shaving Soap is mildly medicated your customers will thank you for introducing them to the perfect stick for tender faces. The black and orange plastic holder for this large sized stick attracts the eye: display cartons with each half-dozen make them easy sellers at your counter.

National advertising supports your sales. Cuticura Shaving Sticks retail at 2/2 (Inc. P.T.) Trade price 15/6doz. P.T. 5/2doz.

Cuticura

DON'T FORGET QUICK SELLING CUTICURA SOAP
Order to-day from NEWBERY & PHILLIPS LTD.

Victoria House, Southampton Row, W C.1. Hol 1564

TO ESTABLISH A RECORD



GLEDHILL

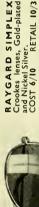
British Made Cash Registers and Tills for every type of business

G. H. GLEDHILL & SON

28, Trinity Works, HALIFA

ALL ITEMS INDIVIDUALLY BOXED AND LABELLED. FREE DISPLAY BOX AND SHOWCARD WITH ORDERS OF HALF-DOZEN AND OVER. Further, we offer half-dozen quality sunglass samples in free display box with showcards ready for counter at approx. £2 · 5 · (

One dozen, in large size display box at approx. £4 · 10 · 0



Crookes lenses, Gold-plated RETAIL 10/3 RAYGARD SPORT Plastic lenses, N'ckel Silver.

RAYGARD

RETAIL 8/9

COST 5/10 Crookes lenses, Gold-plated RAYGARD COMFORT RETAIL 11/3 and Nickel Silver.

RAYGARD CAMBRIDGE Plastic lenses, Nickel Silver. RETAIL 11/9 COST 7/10



RIMLESS Gold-plated RETAIL 16 -Plastic lenses RAYGARD and N/Silver COST 10/8

RAYGARD NIGHTDRIVER Anti-dazzle Mirror N/Silver COST 14/6 RETAIL 19/4 in I doz. lots cost 13/-)

CLIP-OVER Crookes lenses N/Silver Nightdriver Clip-over RAYGARD COST 3/2

RETAIL 4/9 RETAIL 14/-COST 9/4



ORDER DIRECT FROM MANUFACTURERS OR FURTHER PARTICULARS FROM BRITISH - CANADIAN - OPTICAL - COMPAN ALL-BRITISH SUNGLASSES AT ROCKBOTTOM PRICES

Telephone: CHIswick 0210 14 CHISWICK ROAD, LONDON,

YOU CAN SELL MORE SPONGES F THEY'RE Dontex

A recent national market survey has shown that people want more good sponges at REASONABLE prices. Spontex enables you to offer BOTH.

New Summertime ADVERTISING for Spontex

WILL REACH MILLIONS OF READERS OF THE 'RADIO TIMES'

NEW SALES AIDS

for your window or counter display



HOW Spontex WELL, link up with this NEW 'RADIO TIMES' DVERTISING, and you will greatly INCREASE YOUR SALES.

Trade discount 333% From your usual Supplier.

Six new "crowners" (four of which are shown here) for your Spontex dispensers will be sent to you if you tear this page out and send to us with your name and address.

ade in Great Britain by SPONCEL LIMITED · BROMLEY · KENT

NOW_A SUMMER PLAN FOR BIGGER PROFITS

Feature this

FOOT COMFORT CORNER

in the Pharmacy

A FOOT COMFORT CORNER in your pharmacy can be summer's most profitable line. Make the most of the huge summer demand for Dr. Scholl's foot comfort aids with this self-selling Foot Comfort Corner Display. Specially designed for chemists with limited counter space, it is supplied FREE with Dr. Scholl's generous Summer Bonus Parcel. Just stand it on your counter and let your customers select the foot aids they need. Watch sales grow. Dr. Scholl's foot aids yield a higher margin of profit than any other remedies of their kind, and heavier Dr Scholl National advertising ensures bigger demand than ever before.



This attractive easy-selling display needs minim counter space. Dimensions 14½" high, 11" w

D'Scholl'S SPECIAL SUMMEI **BONUS OFFER**

AVAILABLE I WEEK ONLY MAY 26-31

SUMMER BONUS PARCEL CONTAINS

1 doz. ZINO PADS & doz. Corn, ½ doz. Callous, ½ doz. Bunion

1 doz. TARSO PADS & doz. Corn. ½ doz. Callous, ½ doz. Bunion

1 doz. FELT PADS & doz. Corn (oval)

½ doz. Callous, ½ doz. Bunion (oval) 1 doz. Pedicreme, 1 doz. Bunion Lotion,

1 doz. ONIXOL

FREE BONUS & doz. Tarso Pads Corn PARCEL COSTS 50/4 Inc. P.T. SELLS FOR 79/6 TOTAL PROFIT 29/2

This new FOOT COMFORT CORNER DISPLAY IS FREE with the special summer BONUS PARCEL which contains a selection of the fastest selling foot aids in the world. Take advantage now of this plan for bigger turnover.

Affix slip label to coupon and bost to

To: THE SCHOLL MFG. COMPANY LIMITED 182/204 St. John Street, London, E.C.I

Please send me BONUS Parcel(s) as advertised, including FREE Foot Comfort Corner Display Stand.

NAME

ADDRESS

PENICILLIN PREPARATIONS

LOZENGES · TABLETS · OINTMENTS · Etc. Aids to Dispensing Outfits of Creams and Drops

MANUFACTURED BY



DISTRIBUTED BY

MOORE MEDICINAL PRODUCTS LTD

I, QUEENS TERRACE ABERDEEN. Tel: 27233

spray) 7/6

64 GLOUCESTER PLACE LONDON, W.I. Tel: WELbeck 5718/9

> Fetcham, Leatherhead, Surrey Tel.: Leatherhead 4021/2

Detailed Price List on Request





'Please-take-one'

display for Dante Offile

This neat sales-maker hands you profits on a plate!

*Please-take-one', the magical phrase that always commands attention, figures prominently on the new Dent-Odol outer.

Each of the free-samples displayed contains sufficient Dent-Odol for three days. No denture-wearer will want to miss *this* test offer. And once they've seen how thoroughly the EMPICOL L.Z. in Dent-Odol does its cleansing job, they'll be back for one of those bigger bottles they've seen displayed. For at 2/- for 6 ozs., Dent-Odol is the most economical denture cleanser on the market. This new outer is good for you, for us, and for your customers — make sure it's in a prominent position on *your* counter.





RETAIL PRICE 2/-

3. BAY TRIAL TUBE

Terms to the Trade: Purchase Tax (33\frac{1}{3}\%) is charged in addition to prices quoted and is assessed on the I dozen price.

Assorted Parcels: Dent-Odol may be included in assorted parcels for best terms.

NET CASH-MONTHLY ACCOUNT

oxygen denture cleanser

CRANBUX LIMITED PRINCE OF WALES ROAD NORWIC

CARNEGIE

Manufacturing Chemists

CARNEBROS BRAND

AESCULIN

ALOIN

AMIDOPYRIN

ATROPINE & SALTS

BARBITURATES

BISMUTH SALTS

BROMISOVALERYLUREA

CAFFEINE & SALTS

CHLORAL HYDRATE

CHRYSAROBIN CITRATES

EPHEDRINE & SALTS

ESERINE & SALTS

HYOSCINE HYDROBROMIDE

IODIDES

LITHIUM SALTS

P.A.S

PHENAZONE

PODOPHYLLIN RESIN

OUININE & SALTS

SALICYLATES

SANTONIN

STRYCHNINE & SALTS

THEOBROMINE & SALTS

THEOPHYLLINE & SALTS

ETC.

CARNEGIE BROTHERS (1949) LTD

ELWYN GARDEN CITY: HERTFORDSHIRE: ENGLAND LEGRAMS: 'CARNEBROS' WELWYN GARDEN TELEPHONE: WELWYN GARDEN 506 4 lines)

A 'CARNEGIES OF WELWYN' COMPANY



BE READY FOR THE HOLIDAY SEASON—AND EVERY SEASON— WITH

Vensilla

SOLUBLE TOWELS

now not only cheaper at 2/3 per packet retail but thicker, better.

Good news for your women customers! Vensilla Soluble Towels are not Tonly cheaper but better. They have a thicker pad of pure cellulose, giving ample protection. And they have soft knitted covers, giving a little more comfort. They are complete with loops. They give you a better margin of profit.

INCREASE YOUR PROFITS

WITH REGULAR SALES OF Vensilla SOLUBLE TOWELS

★ Convenient ★ Comfortable

- and for a cotton-wool towel unsurpassed for quality, competitive in price, nationally advertised, always in demand, you cannot do better than sell



MACDONALD & SON LTD., HOPE MILLS, POLLARD ST., MANCHESTER

Of these five people ...



... three wear dentures*



The significance of these figures is that 3 out of 5 of your adult customers should be regular customers for Steradent.

For they want what Steradent gives them—"oxygen-clean" false teeth: thoroughly, safely, "oxygen-cleaned" in every corner and crevice.

Steradent is backed by a powerful national advertising campaign

planned to sell "oxygen-cleaning" to every denture wearer in Britain.

Which means to 3 out of 5 of your adult customers.

* Figures from latest national statistics.

Steradent

Specially made to "oxygen-clean" false teeth



GOYA agents emphatically **

back new plan

for special

Corvette

advertising

in Women's Press

92% say "yes"!

introduces a completely new idea in narketing of men's toilet preparations advertise Corvette in women's tzines.

w would the Trade like the idea? decided to find out, and the result conclusive. 92% of Goya agents ioned supported this new approach opens up a new field of sales runity.

here's *more* profit in *Corvette*

here is an exceptionally good profit on all the oducts in the Corvette range. For example, the ther Shave gives a profit of 10d, per tube, and e Shaving Bowl 1/6.

orvette

uality range of matched ilet preparations for men

This special scheme, using such widely-read magazines as "Housewife" and "Woman's Journal", is in addition to strong advertising selling Corvette to men in the national periodical press and men's journals. Corvette is the only matched range of men's toilet preparations on the market. It appeals strongly to all those men who appreciate extra quality in their toilet needs and like to enjoy the same quality in everything they use.



							3/-
		•	•				5/6
EAM		•	•	•	•		3/-
CRE	AM	•	•		•		3/-
-	•	•	•	•			3/6
	•	•	•				4/
		•	•	•			3/6
•	•						4/6
	EAM CRE -	EAM - CREAM	EAM CREAM		EAM · · · · · · · · · · · · · · · · · · ·	EAM · · · · · · · · · · · · · · · · · · ·	EAM

MEN'S DIVISION) IAI NEW BOND STREET LONDON W



WHOLESALE ONLY

NATIONAL

NATIONAL GLASS WORKS (YORK) LTD.

FISHERGATE, YORK. Telephone: York 3021 105 HATTON GARDEN, LONDON, E.C.1. Telephone: Holborn 2146

New Fin Up makes all other home permanents out of date



NEW- It's the fastest home permanent ever invented, waves in as little as 15 minutes!

NEW- It's guaranteed longer lasting!

NEW- Results are exactly like naturally wavy hair!

NEW-Attractively feminine new package!

New PIN-UP, backed by intensive and colourful advertising, will make a terrific impression on all your women customers, and double your home permanent business by attracting many new users. Women will be thrilled by its speed, by its

amazing results. And they will find the new package irresistible. You cannot afford not to stock and display it.

Order NOW!

M&B-ANTISEPTIC CREAM



By virtue of the powerful antibacteria activity of propamidine, M&B Antiseption Cream is highly effective in the preven tion and treatment of infection in wound and burns. It is remarkably rapid in its effect, and under its influence healing takes place unchecked. In contrast to the topical application of penicillin, the use of propamidine is not reported to caus sensitization. M&B Antiseptic Creati has the added advantage of maintaining its potency indefinitely without speci conditions of storage.

> Attractive Showcards available on request.

> Bonus terms of 13 to the dozen offered through wholes alers in return for display services.

M&B Antiseptic Cream is supplied in tubes of loz. at 2s. 3d.



manufactured by:

MAY & BAKER LTD





ounded 1833

SPICE OLEO-RESINS GINGER CAPSICUM

PEPPER

The concentrated flavour and pungency of the natural spices.



Send us your enquiries
and orders

STAFFORD ALLEN & SONS LTD., Wharf Rd., London, N.I. CLErkenwell 1000

"A busy

Chemist

won't read

all that

:—Excerpt from the notes of any meeting attended by Executives from Sales and Advertising Departments.

INTERNATIONAL CHEMICAL COMPANY LTD

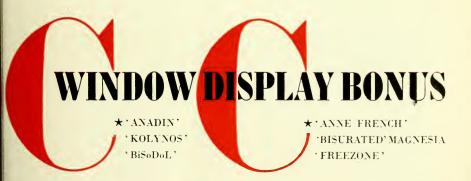
Very well then

... if the 'keep-it-short' school is right and orders go up in inverse ratio to the length of the copy ... this is going to be one of the most effective advertisements I.C.C. have ever issued ...

Every pharmacist buying one of the mixed parcels of I.C.C. goods* is entitled to an extra Display Bonus on the terms outlined below in return for his promise to display the brands for not less than 14 days following delivery of the parcel.

DISPLAY BONUS TERMS

On a parcel of more than £5 but less than £10 in value



HENIES STREET, LONDON, W.C.I.

BARTLETT'S SUN GLASSES



SPOTLIGHTING THIS SEASON'S BEST SELLERS 604 & 605

There is no doubt about it—these two fashionable American styles will prove your big profit earners for 1952.

What value! Where else could you get wide vision, gilt or nickel plated frames with adjustable nose pads, plastic ear pieces and real Crookes Lenses to retail at the amazing price of 12 6d. a pair.

Order now through your usual wholesaler while stocks are still available.

Alfred, Franks and Bartlett Company Limited

AUDREY HOUSE, ELY PLACE, LONDON, E.C.I

Phone: HOLborn 1078 (PX)

ALL WHOLESALE ENQUIRIES TO THIS ADDRESS PLEASE

2 How to sell toothbrushes instead of one

When your customers have bought their usual Wisdom, show them the NEW IMPROVED WISDOM COMPACT toothbrush—which is especially designed for holidays, travelling, the handbag or pocket. Tell them that dentists recommend cleaning teeth after every meal, and explain how handy the Wisdom Compact is for use away from home. Demonstrate its smooth, slick action—show how quickly it can be transformed from a neat plastic travelling case into a full-size toothbrush. Nearly every time you will make a sale.

Include the Wisdom Compact in your holiday display, or better still, put the Sell-out on the counter.

Smartly packed in one dozens—assorted colours—one texture. Don't forget you can include the Compact in a quantity order for all types of Wisdom Brushes.

TRADE PRICE 12/11 per doz.
RETAIL PRICE 1/8 each

THE NEW IMPROVED

Wisdom

COMPACT

MADE BY ADDIS LTD., OF HERTFORD



It pays you to provide this personal Scissors Service

Here is a whole family with whole-family appeal: baby's scissors for Christening presents, scissors with triple bows and scissors in smart pouches as present suggestions. Illustrated are a few of the patterns from this range.

Write today for full details of the attractive family with the lively selling record

CHAMPION'S

KUMFI-KUT

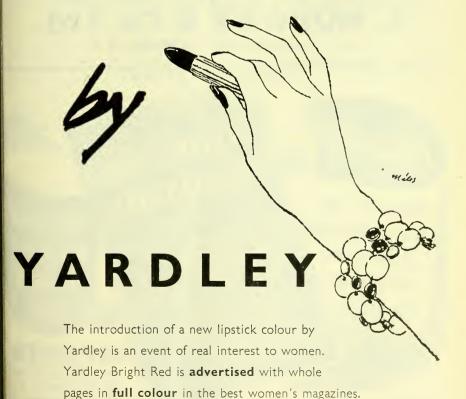
PERSONAL SCISSORS

CHAMPION (SCISSORS) LTD

14-18 HOLBORN · LONDON · E.C.I · WORKS: SHEFFIELD · ENGLAND

Bright Red

exciting new shade





SAMCO



HYPODERMIC RECORD NEEDLES

SOFT OR HARD METAL MOUNT
STAINLESS STEEL ONE DOZEN IN A BOX

N.H.S. Pattern

ALL SIZES AVAILABLE FROM STOCK

Entirely British Made

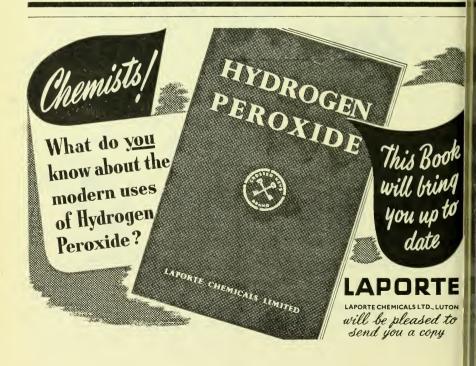
APPLY TO YOUR USUAL WHOLESALER

ACTUAL MANUFACTURERS

PHONE: EUSTON 1757 & 551

S. MURRAY & Co. Ltd.

45 ST. PANCRAS WAY, LONDON, N.W.I



Our well-known range of



FACE SQUARES

is now obtainable in

WHITE, COLOURED,

JACQUARD, and also CHENILLE BORDERED

as well as our

FAMOUS BARBERS' TOWEL



UNITED COTTON MILLS LTD.

71 MOSLEY STREET, MANCHESTER, 2 GROYELAND HOUSE, BOW LANE LONDON, E.C.4

NEW in every way -certain to sell!

NEW UNIQUE PRODUCT

Conditions, curls, vitalises the hair into beauty. Contains nutrients akin to sebum - the life-giving secretion of the hair. Leaves no deposit, oiliness, gumminess or stickiness.

NEW UNIQUE PACK

Shows the remarkable looking liquid through the carton, and tells a "sure sale" story at sight. Every woman who shakes the pack and sees the fascinating silken swirl will buy.

NEW ADVERTISING THEME

Wave set hair conditioner, vitaliser, and beautifier all in one.

11,850,000 women

will see powerful Tress advertisements in all the biggest selling women's magazines.

Order from your wholesaler now and be ready to meet the demand.

TRESS

SETS, CONDITIONS, CURLS AND BEAUTIFIES THE HAIR



giving many applications.

Your cost: 14/3d. per dozen plus 100% purchase tax.

Your profit: 6/6d. per dozen.

ANOTHER WINNER! from the famous French house of L'OREAL, Paris, who produced

fast-selling COLORAL

Marketed by: GOLDEN LTD., 2/4 DEAN STREET, LONDON, W.I. Tel: GERrard 49



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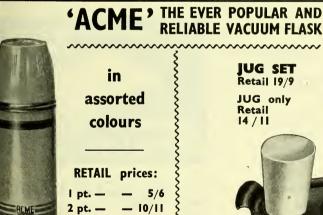
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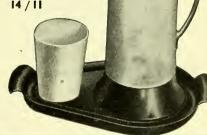
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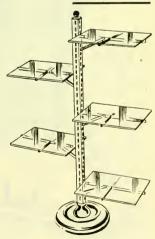
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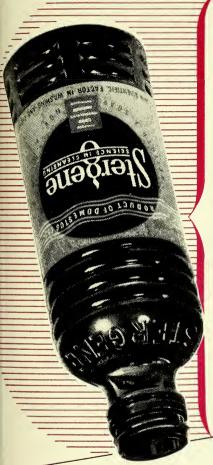
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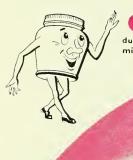
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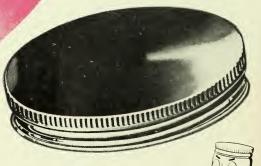
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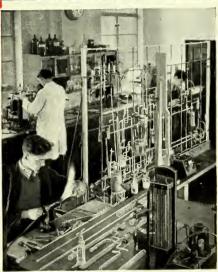
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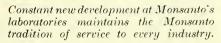
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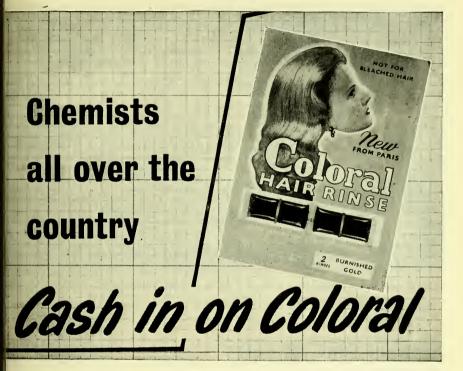
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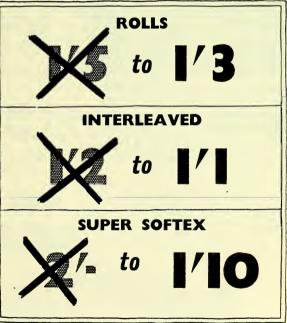
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CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER

MAY 24, 1952

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NEWS OF THE WEEK

Malt and Oil Under N.H.S.— Eastbourne Executive Council has allowed appeals against the recovery of 8s. 6d. from two doctors for prescribing cod-liver oil and malt to tuberculosis patients under the National Health Service.

Modifications to Formulary. — The Ministry of Health has announced that the following will apply to the supply of tablets of the National Formulary 1952 when the Formulary becomes operative on June 1:—Tab. butobarbiton., B.P.C.; dexamphetamin. sulph., B.P.C.; and isoprenalin. sulph., B.P.C. may be supplied coloured. Tab. ferri sulph. co., B.P.C.; phenolphthal. co., B.P.C.; and mepyramin. maleat., N.F. (sugar-coated) may be supplied coloured. Tab. calciferol. fort., B.P.C., must be supplied sugar-coated.

Pharmaey Students' London Camp.— The International Pharmaceutical Students' Federation have organised a "camp and study tour". to take place in and around London from August 16 to 27. The programme includes cultural visits to the Houses of Parliament, British Museum

and National Art Gallery and works visits to Ciba Laboratories, Ltd., and May & Baker, Ltd. There will be day trips to Windsor and Stratford-on-Avon and boat trips to Kew and Southend. On August 26 the I.P.S.F. council will meet all day and in the evening there will be a farewell dinner to the visitors. Accommodation will be at the University College Hostel, Bentham Hall, Cartwright Gardens, London, W.C.1. Inclusive cost will be about £12 138. Students studying in Great Britain will be welcome as observers. Applications to join the camp should be made early to the General Secretary, British Pharmaceutical Students' Association, 71 Great Russell Street, London, W.C.I.

Chemists Federation. — A meeting of the Chemists Federation council was held in London on May 8, the president (Mr. W. T. Elder) in the chair. A meeting of the C.F. propaganda committee had been held on the previous day. A report was given on propaganda work undertaken since the previous meeting, and further arrangements were made for C.F. window displays in Nottingham during the British

Pharmaceutical Conference and C.F. display fortnight (October 20 to November 1). The Council also heard a report provided by the Federation's outdoor representative on a visit to chemists in the Cornish National Pharmaceutical Union branch area. The council directed that the entry of Grasshopper, Ltd., should be deleted from the C.F. list, An application for manufacturer membership from Thornton & Ross, Ltd., in respect of the following products was approved: Samaritan lanolin cream and zinc and castor oil cream; Snef. Sinfect brand lysol; Three Flasks proflavine cream, bronchial emulsion adrenalin cream, children's cherry cough syrup and chocolate worm tablets; cold sore lotion; midge bite lotion; and toothache solu-

British Firms to Quit China .- British companies in China have come to the conclusion that they can no longer operate satisfactorily inside the country because of difficulties placed in their way by the Central People's Government of China. Mr. Anthony Eden said in the House of Commons on May 20 that many firms had been operating at a loss for some time The value of the immovable British assets in China was probably between £200 millions and £250 millions. The loss to British firms would be very serious. The Government and the companies desired British trade with China to be continued, perhaps as an association of representatives of manufacturers and overseas buyers who would maintain direct contact with the appropriate Chinese authorities.

NEWS IN BRIEF

Sweets Ration Unchanged. — The Ministry of Food has announced that the sweets ration for the ration period which began on May 18 remains at twenty-four ounces. D coupons will be worth 2 ounces each and E coupons 4 ounces each.

Retail Trade in March. — Board of Trade figures show that for multiple retail establishments sales of chemists' wares in March were 8 per cent, and 7.1 per cent, higher than in February 1952 and March 1951 respectively. The sales in independent chemists' shops were the same as for March 1951.

Manufacturers' Agents' Association.— The annual meeting of the Manufacturers' Agents Association of Great Britain and Ireland (Inc.) was held in London on May 6. Mr. J. S. Davies was elected President and Mr. N. E. Carter (who had taken on the office after the death of I father, Mr. H. P. Carter) was confirm in the appointment of General Secretar Mr. T. Pickup was elected Treasurer a Mr. J. Barrie, Honorary Secretary.

LOCAL NEWS

Works Visit.—About forty members the Northern Wholesale Druggists Assoction, on a visit to Hull recently, tout the factories of T. J. Smith & Nephe Ltd., and Lilia, Ltd.

Wine Licence Not Confirmed.—A w off-licence provisionally granted to Mr. Dodgson Speak, M.P.S., 134 Oxford Ro Gomersal, Yorks, has not been confirm by the local licensing confirming author

Visit to Blenheim Palace.—Over members of the Birmingham Pharmac tical Association and their friends visi Blenheim palace on May 14. Tea was reved in the grounds. The return jour was made via the Cotswolds, with a bistay at Bourton-on-the-Water, Glos.

A Local Business Purchase Scheme At a meeting of the local chamber of traheid in Wellingborough recently it proposed that a company under the nation of the Co-Partnership Trading Associate should be formed to prevent local benesses falling into the hands of competors, The company would have a cap of £10,000 and members were invited take out shares (5s. each). The associate would acquire businesses considered stable for the purpose of the associate when they become available.

Middlesex Appointments.—The Nellesex Pharmaceutical Committee nominated the following pharmacists serve on each of the local Health Committees in the county:—Enfield and Edmiton:—Mr. A. R. Cross; Potters Bar, Friebarnet, Southgate and Wood Green Mr. G. Lavin; Hornsey and Tottenha:—Mr. L. Hayward; Finchley and hidon:—Mr. B. Boasten; Harrow:—Mr. Bonser; Wembley and Willesden:—Mr. Ratcliffe; Ealing and Acton:—Mr. J. Goodall; Ruislip-Northwood, Uxbrit Hayes and Harlington, Yiewsley and M. Drayton:—Miss W. M. Flowerdew; Son all, Brentford and Chiswick, Heston Isleworth:—Mr. F. H. Mylroi; Twickham, Feltham, Sunbury-on-Thames Staines:—Mr. H. G. Moss. After contation with the Pharmaceutical Committhe Middlesex Executive Council has ninated Mr. E. Ratcliffe (vice-chairman)

e Middlesex Pharmaceutical Committee) serve on the Statutory Health Commite for the County. Mr. J. Anderson ewart has been reappointed to the xecutive Council for the period ending larch 31, 1955, and appointed a member the Ophthalmic Services Committee and vice-chairman of the Finance and eneral Purposes Committee of the Coun-

Pharmaceutical Finance and Policy.—
t a meeting of the Harrogate Branch of
e Pharmaceutical Society held recently,
address on "The Finance and
dicy of Pharmacy" was given by Mr.
H. Kemp (secretary, National Pharmautical Union). He said that, thanks to
e Society, the N.P.U. and the Chemists
deration, pharmacists had never been on
higher professional plane. Mr. Kemp
ferred to the averaging system of pricg, and gave examples from the West
iding to show that seven pharmacists had
en overpaid less than I per cent., and
ree underpaid less than I per cent. hen the shilling levy became operative
would become necessary to fight against
ultiple prescribing and against failure
chemists to collect the levy. At question
ne, Mr. Kemp told members that comunal buying (as practised in Australia
d in South Africa) was not in the best
terests of pharmacists, whose best friends
re the wholesale houses.

SPORT

GOIf.—GOLF SECTION, ROMFORD BRANCH, PHAR-CEUTICAL SOCIETY, competition for Parkinson f trophy—a tankard presented by the outgoing irman of the branch (Mr. L. Parkinson)—at mford Golf Club on May 11. Winner: Mr. Davidson.

BLASGOW PHARMACY GOLF CLUB.—At Glasgow iles on May 6, Spring meeting. Prizes presented Askit, Ltd. First class (1), J. D. Mair, 76, and F. Grant, 76; second class (1), J. Carmichael, (2), R. Craig, 76. Wholesale section: W. L. eig, 69.

IRISH NEWS

Ulster Chemists' Association.—At a eting of the Executive Committee of Ulster Chemists' Association in Belton May 6, Mr. J. J. Wilson, Cregagh using estate, Belfast, was elected a memof the Association and others who had viously been approved by the Associate's Committee were elected to associate. [Corrected note.]

Ulster Associates.—At a recent meets of the committee of the Associates' ction, Ulster Chemists' Association, Mr.

E. G. Mackle in the chair, the following applications for associateship were approved: -Pharmaceutical Chemists: Miss A. D. Quinn, Messrs. R. G. Macauley, W. Dalzell; Assistant: Miss R. Coulter; Apprentices: Miss A. P. Hutton, Messrs. H. McCafferty, P. O'Doherty and B. Lowans. On the matter of the Group Personal Sickness Insurance Scheme the committee. having given consideration to many quotaions from insurance companies, finally settled upon a company, and the subcommittee were taking steps to present the scheme to all members. It was unanimously agreed that the sum of £25 be donated to the Northern Ireland Chemists' Benevolent Fund and the committee also considered the possibility of having a bus excursion towards the end of June. Miss M. Meneely was appointed treasurer, and Mr. J. E. Morley was co-opted to the committee in place of Mr. M. C. Ogle. [Corrected note.]

RESISTANCE TO ISONICOTINYL HYDRAZINE

GIVING warning that indiscriminate use of isonicotinic acid hydrazide (INH) and derivatives in the treatment of tuberculosis may have serious consequences. Knox and others at Guy's Hospital, London ("British Medical Journal," 1952.1.1081), give the results of cultural tests. They found that strains of human tubercle bacillus increased in resistance more rapidly than had previously been reported, and were in fact growing after only three subcultures in as much as 62.5 µgm. INH per mil. In experimental tuberculosis in animals it was found that, on ceasing the administration of INH, lesions indistinguishable from those in a control group developed in the cornea of mice. The drug did not sterilise, therefore, the inoculated cornea. In a clinical trial a group of patients with longfibro-caseous disease showed strong subjective and objective improvement after six weeks' administration of the drug. The erythrocyte sedimentation rate, while falling slightly, did not, however, parallel the clinical improvement. The authors suggest that, while INH may be valuable because of its specificity and initial effectiveness, the problem of resistance may soon become as serious as with streptomycin if the drug is indiscriminately used. They recommend a search for a combination of INH with other antibiotics, etc., that will have less resistance-causing properties.

LEGAL REPORTS

"Friendly" Action Pending.—A High Court writ has been issued by the Pharmaceutical Society of Great Britain against Boots Cash Chemists (Southern), Ltd., claiming a declaration that certain sales of poisons made in a "self-service" pharmacy of the company in April 1951 were effected otherwise than by or under the supervision of a registered pharmacist. The facts and the question of law to be submitted to the Court have been agreed between the parties.

Recommended to be Re-employed.—A recommendation that his employers should allow him to continue as an apprentice was made by the Wolverhampton stipendiary magistrate recently in making a pro-bation order against Kenneth George Hunter. Tettenhall Wood. Hunter admitted stealing a camera from his employers, Boots, Ltd. He was described by an official of the company as "an exceptionally good lad with fine prospects." Hunter told the court he was sorry for what he had done. He had taken the camera (valued at £18 12s, 6d.) from the firm's stockroom on an impulse when he went to turn out the lights. He was bound over for two years, to be of good behaviour, placed on probation, and ordered to pay 15s. costs.

Wholesale Chemists' Alleged Deficiency .- A Board of Trade prosecution brought under the Companies Act, 1948, in which it was alleged that the Official Receiver had found a deficiency of about £3,400 in the books of a company of wholesale chemists, was opened at Tottenham magistrates' court on April 3. Sydney Isadore Sumeray, 16 Gloucester Gardens, Golders Green, and Louis Jemac, Green-acres Farm, Otterbourne, Hants, were summoned for being officers of the Horn-sey Road Trading Co., Ltd., 708 Seven Sisters Road, South Tottenham, between July 29, 1950, and May 30, 1951, and failing to keep proper books of accounts through a period between the incorporation of the company and the commence-ment of the winding-up. The prosecution asked for the case to be sent for trial. For the Board of Trade it was stated that in July 1950, an accountant was instructed by Mr. Sumeray to form a limited company to take over the business of the Hornsey Road Trading Co. That was done and Mr. Jemac was appointed a sole director. Creditors were taken over by the limited company, and so was stock. In fact, Mr. Sumeray promoted the company. The Official Receiver had been through the books of the company, which had a life of about eight months and had found a difference between cash receipts and cash paid into the bank. Vouchers in respect of £309 had also been produced. but about £3,400 was still unaccounted Evidence was given that the company was incorporated with a nominal capital of £100, the shareholders being Mrs. C. Sumeray (wife of the defendant), and Mr. Jemac. Mrs. Sumeray held ninety shares. Mr. Jacob Altman, a partner in a firm of chartered accountants, said he assisted in the formation of the limited company. He was instructed by Mr. Sumeray and was given to understand it was to provide a source of income for Mr. Sumeray's son. On several occasions he advised Mr. Jemac that it was necessary to keep books of the company. He also drew the attention of Mr. Sumeray to that need. After an interview with Mr. Sumeray he received instructions to communicate with Mr. Jemac to see that the books were brought up to date and carried on. Mr. Jemac made it clear he had no knowledge of book-keeping and asked if witness could assist in writing up certain books of accounts. The necessary documents were not received. Rejecting a submission that there was no case to an swer, the magistrates, on May 15, at at adjourned sitting, committed Sumeray and Jemac for trial at the Middlesex Sessions

£50 Fine for Prescription Misuse .-At Doncaster, on May 13, Carl Xavie Ruhen, medical practitioner, Mexboroug House, Mexborough, was fined £50 an ordered to pay £10 10s. costs on charge of attempting to cause £1 7s. to be pai by the West Riding Executive Counc Boots Pure Drug Co., Ltd. was stated that, on January 26, Dr. Ruhe visited Boots' shop in Mexborough an took three bottles of after-shave cream an a jar of hand cream for his personal us To cover the cost he wrote out a pre cription for an asthma drug valued at 27 in the name of a fictitious patient, "I Austin." He handed over the prescription to the assistant, saying: "This will cov The only Austin on the doctor register was not the person referred t Dr. Ruhen pleaded not guilty and said the man Austin was a person who had a attack of asthma in the street. He has given him 2 oz. of the asthma drug.

TOPICAL REFLECTIONS

Hospital Pharmacy Conditions

The memorandum from the Association of Scientific Workers to the Ministry of Health suggesting improvements in the conditions of hospital pharmacy (p. 684) is well-considered document. Your readers will agree with most of its statements. The provision of sufficient staff in the pharmaceutical department of a hospital should be the first consideration. If original investigations are to be efficiently carried but there, an adequate and correctly balmed personnel is, as the memorandum ndicates, essential. Technicians for rou-ine work will of course need training. Opinions may differ as to the ideal numper of technicians relatively to the number of pharmacists: this point can be decided by discussion. Clerical assistance and what s called "domestic assistance" will also pe required in proportion to the size of he department. I agree that the issue of urgical instruments should not be regarled as one of the duties of a hospital pharmacist. Only an exceptional man or voman with that qualification knows nough about these instruments to be fitingly given the task of selecting them for he operation theatre. The issue of surgical sundries and appliances seems to me o be of a different character: here I difer from the authors of the memorandum. f a qualified person in a pharmacy han-lles goods of this kind daily, I see no bjection to the same proceeding in a hospital dispensary. It does not follow that he pharmacist in charge, or any pharmaist on duty there, will need to hand out hese sundries and appliances personally; out I think there should be qualified responsibility for them. Manufacturing on a group basis may be advantageous in some reas, but probably not in all.

Higher Fees in Prospect

The section of the Pharmaceutical Soiety's annual report devoted to finance, nd the remarks of the Society's treasurer t the recent Council meeting (pp. 674-75). Tresent members with the unwelcome rospect of higher fees. It is difficult to ee how this increase can be avoided. A ew small economies may be worth introucing. Grants to branches could be reuced. Though the Council "rules out an acrease in examination fees," a certificate f qualification is not a certificate of registration; and I, for one, should not conider a nominal fee for registration a hard-hip. Changes like these, however, would

not bring in large sums: the chief part of the burden, if not the whole, will in any case have to be shouldered by the members. The Society is in an unfortunate position regarding premises. To have to carry on its work in five or six separate buildings is a serious handicap. No progress towards acquiring new headquarters has yet been reported, Presumably the Council committee in charge of this matter is watching governmental "derequisitioning" of London buildings, in the hope of finding one that will be suitable in size and position. The process cannot be hurried.

Ethics of Advertising

The "concern and anxiety" of the Portsmouth* Branch of the Pharmaceutical Society about the statement on advertising issued at the Society's April Council meeting (C. & D., May 17, p. 693) are no doubt widely shared. The "Statement Upon Matters of Professional Conduct" annually accompanying a demand for members' fees has been criticised in this section as too verbose. The criticism re-mains relevant. While we do not expect, in present conditions, the stark simplicity of the Hippocratic Oath in a guide to professional conduct, we look for something more concise than a pronouncement extending to seventeen paragraphs. This anxiety, this fear to trust members out of the Council's sight, is surely rather grandmotherly. Pharmacists in retail business will, I hope, hold firmly to the title "dispensing chemist"; in Section 9 (2) of the Pharmacy and Poisons Act, 1933, this title is entrusted even to corporate bodies. The last clause of the statement issued by the Council in April reads strangely. words are: "will consider it necessary to report the facts or make a complaint to the Statutory Committee." This may be taken to mean that the Council, in the circumstances envisaged, will either report the facts without making a complaint or make a complaint without reporting the facts. It may be argued that since the inauguration of the National Health Service the public have come to expect the dispensing of prescriptions in every chemist's shop, and that therefore a dispensing service need not be advertised. But common sense suggests that in every such business the work of the dispensing department should have pride of place. The only limitation I would like is one on size of lettering in advertisements.

* Erroneously recorded as Eastbourne.

NEW COMPANIES

C. V. Marshall, Ltd. (P.C.).—Capital £3,000. To carry on the business of retail and wholesale chemists, etc. Edith Marshall and John R. Marshall, directors. R.O.: 26 John Street, Sunderland.

British Vitamin Products (Ireland), Ltd. (P.C.).—Registered in Dublin. Capital £20,000. To carry on the business of chemists, druggists, drysalters, etc. Roger A. Warner and Edward G. Lewis, subscribers. First directors are not named.

FITZROY LABORATORIES (1952), LTD. (P.C.).—Capital £1,000. To carry on the business of wholesale and retail chemists and druggists, etc. F. J. M. Bengue and William E. Page, subscribers. First directors are to be appointed. R.O.: Mount Pleasant, Alperton, Wembley, Middlesex.

B. W. E. BEARD, LTD. (P.C.).—Capital £10,000. To carry on the business of manufacturers of and dealers in chemicals, drugs, medicines, etc. Edith Beard, Harry F. Beard, Harry J. Eeles, Bertie L. Beard, M.P.S., and James Hodgson, directors. R.O.: 33 Chancery Lane, London, W.C.2.

J. D. Campbell & Sons, Ltd. (P.C.).—Capital £15,000. To carry on the business of manufacturing, research and analytical chemists, etc. John D. Campbell, Robert D. Campbell and Herbert Campbell, directors. R.O.: 4 Lund Street, Cornbrook, Manchester, 16.

CRAIG, McDowall & Co. (DUNDALK), LTD. (P.C.).—Registered in Dublin. Capital £1,000. To carry on the business of analytical and consulting chemists, etc. Peter D. Prentice and Cecil E. Prentice, 16 Lower O'Connell Street, Dublin, subscribers. The first directors are not named.

UPJOHN OF ENGLAND, LTD. (P.C.).—Capital £100. To carry on the business of dealers in chemical and pharmaceutical products of all kinds, etc. R. A. Clark and D. L. Low, subscribers. The first directors are to be appointed. Solicitors: Slaughter & May, 18 Austin Friars, London, E.C. 2.

HOUGH, HOSEASON (OVERSEAS), LTD. (P.C.).—Capital £100. To enter into an agreement with Hough, Hoseason, Ltd., and to sell within the territories mentioned in the said agreement any of the products therein specified; and to carry on the business of chemists, druggists, etc. Walter S. Harris, Herman E. Hulme and Lillias L. Scott, directors. R.O.: 18 Chapel Street, Levenshulme,

PFIZER, LTD.—Capital stock, 10,000 shares of a par value of \$100 per share. Registered in the State of Delaware on June 19, 1951, to acquire, manufacture, import, export and deal in chemical, medical and pharmaceutical products of all kinds, etc. British address: 47 Piccadilly, London, W.I., where Richard C. Fenton is authorised to accept service of processes and notices. Maynard E. Simond, John L. Davenport, Donald Hilton, Thomas J. Winn, Clay R. Smith, John J. Powers, Charles P. Walker, Charles A. Specht and Robert C. Porter, directors.

Company News

Dubarry Perfumery Co., Ltd.—Group net trading profits for 1951, £23,482 (against £34,592 in 1950).

British Xylonite Co., Ltd.—Consolidated net profit for 1951 was £358,992 (against £296,192 in 1950). Group profit, before tax, was £910,892 (£693,519).

Kempthorne, Prosser & Co.'s New Zealand Drug Co., Ltd.—Net profit for year ended January 31 was £150,980. A final dividend of 6 per cent., making 10 per cent, for the year, was recommended

F. W. Berk & Co., Ltd.—A bonus dividend of $3\frac{1}{3}$ per cent., making a total o $17\frac{1}{2}$ per cent., less tax, on £400,000 ordinary capital for 1951, is proposed (Total distribution for 1950 on £150,000 capital was $28\frac{1}{3}$ per cent., less tax. Group profit, before tax, was nearly doubled at £555,213; attributable tholding company, £288,809 (£148,272).

BUSINESS CHANGES

The cable address of R. P. Schere Ltd., 216 Bath Road, Slough, Bucks, now "Scherslo."

MR. H. W. THOM, M.P.S., has sold h business at 183 Marsland Road, Brool lands, near Manchester, preparatory opening a new business at 6 Greenbro Parade, Newall Green Main Centre, W thenshawe, Manchester. Meanwhile, a correspondence should be addressed to b temporary private address: Wayside, Widlehurst Road, High Lane, Ches.

The drug and pharmaceutical agen and importing business of Atalla, Tour & Co., Beirut, Lebanon, has been acquir by Tanas Atalla & Co., P.O. Box 166 Beirut, Lebanon. Agents in Great Brita are Anderson, Atalla & Co., 62 Hi Street, Croydon, Surrey (telephone: Crodon 1010).

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

THE National Health Service Bill passed ts Third Reading in the House of Lords on May 20.

Packaging Material Supplies

BRIGADIER F. L. MEDLICOTT asked the President of the Board of Trade on May 13 whether, in view of increasing competition from other countries in world export markets, he could make more materials available for all kinds of packaging to enable British goods to be marketed as

attractively as possible.

MR. H. STRAUSS (Parliamentary Secretary to the Board of Trade): I am advised hat adequate supplies of most materials are available for this purpose. We should be prepared to examine any cases of scarcity brought to our notice. In reply to a further question he said that many of the reports received from the Department's commercial officers abroad included details of the type of packing used to promote sales, and the reports were available to the ndustry. The usual publicity had been given to the third national exhibition in January 1953 and any additional request that was made to his Department would be carefully considered.

Scottish Prescription Costs

COMMANDER T. G. GALBRAITH told MR. J. CARMICHAEL on May 13 that the prescription costs for various towns in Scotand were as follows:—

	GLAS- GOW	EDIN- BURGH	LARGS	Ardros- san
1948 (from July 5) 1949 1950	s. d. 3 6 3 11 4 4 ¹ / ₂	s. d. $3 8\frac{3}{4}$ $4 2$ $4 4\frac{1}{2}$	s. d. 4 0 ³ / ₄ 4 10 4 11	s. d. $3 \ ^{11\frac{1}{2}}$ $4 \ ^{6\frac{1}{4}}$ $4 \ ^{6\frac{1}{2}}$

Veterinary Serums Production

Mr. E. Johnson asked the Minister of Agriculture on May 15 when his Department would be able to undertake the inspection and control of the manufacture of erums and vaccines used for veterinary durposes, in accordance with an undertaking given on behalf of his Department more than three years ago to representatives of the Universities Federation for Animal Welfare, the British Veterinary Association and the Pharmaceutical Society. Sir Thomas Duddale: A draft Order providing for the control of the

manufacture of veterinary therapeutic substances and prescribing standards and tests of purity is under final revision with a view to its issue at an early date.

Prescribed Nasal Proprietary

MR. E. L. MALLALIEU asked the Minister of Health on May 15 whether he had yet completed the investigation into the circumstances under which a nasal douche, of which he had been given the name, was prescribed under the National Health Service, although its cost to the Service was nearly twenty times that of a similar douche of identical therapeutic value to the patients, and of which the formula was contained in the current National Formulary.

mulary.

MR. IAIN MACLEOD: Some prescriptions for this preparation have been traced, and I am arranging for one of my medical officers to take the matter up with the doctor concerned. As the preparation is no longer being made, no further action seems

necessary.

Prescriptions in England and Wales

MR. MACLEOD told DR. A. D. D. BROUGHTON on May 15 that the numbers of National Health Service prescriptions dispensed in February 1949, 1950, 1951 and 1952 in England and Wales were respectively 19,023,000; 20,000,000, 21,045,000, and 21,215,000. For March in the same years the numbers of prescriptions were 20,443,000; 22,284,000; 20,214,000; and 21,215,000.

Government Research

The Prime Minister (Mr. Winston Churchill) told Mr. T. Driberg on May 15 that no important line of research was being neglected by the Government for lack of resources.

Price of Zine

Mr. C. Osborne asked the Secretary for Overseas Trade, as representing the Chancellor of the Duchy of Lancaster, on May 16, why he was charging British manufacturers £190 per ton for zinc when overseas competitors could obtain it at £156 a ton.

MR. H. G. Strauss (Parliamentary Secretary to the Board of Trade) replying, said that the Ministry's zinc price was

being reviewed.

DEATHS

Barnett.—At his home, 43 Dewhirst Road, Rochdale, Lancs, on May 5, Mr. Charles William Barnett, M.P.S., 144 Whitworth Road, Rochdale, aged fiftyfive. He was a past chairman of the Rochdale Branch of the Pharmaceutical Society and was vice-chairman of the Rochdale Pharmaceutical Committee.

Bell.—On May 6, Mr. William White Brand Bell, M.P.S., 9 St. Margarets Avenue, Gledhow, Leeds, 8, aged fiftynine.

Cosh.—On May 10, Mr. Arthur Lionel Strode Cosh, 10 Broadmead, Bristol, 1, aged eighty. Mr. Cosh was the founder of Strode, Cosh & Penfold, Ltd., a company with now nine shops in Bristol and district. Qualifying in 1896, he started business in Bristol forty-two years ago, and two years later went into partnership with Mr. F. Penfold, M.P.S. Mr. Cosh was a past secretary of the local branch of the Pharmaceutical Society, a member of Bristol Chamber of Commerce and of Cabot Lodge of Freemasons. He leaves a widow and three children.

GIBSON.—On May 15. Mr. William J. Gibson, aged eighty-four. Mr. Gibson was for many years engaged in business with his brother as a wholesale chemist as Samuel Gibson & Co., King Street, Belfast. He was for many years treasurer of the Chemists' and Druggists' Society of Ireland, and was reappointed on the day before his death.

GOWER, — On May 8, Mr. Herbert Charles Alfred Gower, M.P.S., 2 Quarry Gardens, Tonbridge, Kent, aged seventy-five.

Jones.—At Glanfa, Llangefni, Anglesey, recently, Mr. Rowland Jones, M.P.S. Mr. Jones, who qualified in 1923, was in business at 8 Bridge Street, Llangefni.

Penny.—Suddenly, on May 19. Mr. Guido Harry Penny, M.P.S., 4 Westfield Park South, Newbridge Road, Bath, aged fifty-four. He collapsed and died after he had attended a meeting of the local branch of the National Pharmaceutical Union. Two years ago he brought the business of Pinch & Co., Cheap Street, Bath. Previously he was for many years manager of the Gloucester Road, Bristol, branch of Hodders, Ltd., and during the 1939-45 war he was transferred to the Bath branch and later to the Stokes Croft. Bristol, branch. He is survived by his widow, a son and two daughters.

PERSONALITIES

MR. GRAEME FINLAY, M.P., has been appointed Parliamentary Private Secretary to the Minister of Health.

MR. A. H. G. Boggts, Carlisle (North of England representative of Ayrton, Saunders & Co., Ltd., Liverpool), has been appointed an alderman of Carlisle City Council.

MR. J. R. BOUCHER, M.P.S. (vice president of the Association of Britisl Pharmaceutical Industry) is representing the Association on a visit to France or representatives of fifteen British Industrie as guests of the Fédération Britannique de Comités de l'Alliance Française on Ma 23-24.

Mr. Frank Arnal, who is one of the new honorary members of the Pharmaceutical Society (see

tical Society (see C. & D., May 17, p. 675), is the proprietor of a phar-macy in Toulon, France, and was mayor of the town before and during the first part of the 1939-45 war. Mr. Arnal was imprisoned by the Vichy Government for active support of the resistance movement. After the war he was



elected Deputy of the Var on the Nation. Assembly and president of the newl formed Ordre National des Pharmacier de France, an office he still holds. In 195 he was made Commander of the Legic of Honour (Military Division) in recognition of his resistance work.

Professor George Urdang, Ph.C. D.Sc.Nat., the other newly elected hone ary member of the Society is professor the history of pharmacy, University Wisconsin, U.S.A. Professor Urdang logermany in 1938. There he was edit of the "Pharmaceutische Zeitung" (tofficial journal of the German Pharm ceutical Society). He is internationa acknowledged as an expert in pharm ceutical history. Doctor Urdang has be proposed as the first president of the Iternational Academy of the History Pharmacy which is being founded on Ju 13. his seventieth birthday.

NEW PRODUCTS AND PACKS

Sore Throat Lozenges.—A. L. Simpking Co., Ltd., Hunter Road, Sheffield, 6, have adopted a roll pack for Simpkins pre-throat lozenges. The rolls are issued in jars of 6 doz.

Streptomycin Vials. — Allen & Hanurys, Ltd., Bethnal Green, London, E.2, nnounce that streptomycin sulphate and ihydrostreptomycin sulphate are now vailable in vials containing 5 mega units.

Procaine Penicillin Cream. — Glaxo aboratories, Ltd., Greenford, Middlesex, mounce the introduction of Mylipen ream, containing 10,000 units of procaine enicillin per gm. Mylipen is issued in -oz. tubes,

Introductory Pack. — Yestamin daily east, a product of the English Grains Co., td., Burton-on-Trent, is now available in fifty-tablet pack through the usual wholedechannels at the same profit margins the larger sizes.

A New Sanitary Towel.—Macdonald Son, Ltd., Hope Mills, Pollard Street, Ianchester, 4, are producing a new low-rice cotton-wool towel, Silpak, Silpak iffers from the usual type of sanitary wel in that a soft plastic holder, in which he towel is inserted is supplied with each acket.

Tablets for Penicillin Drops.—Thornton Ross, Ltd., Linthwaite, Huddersfield, ave extended their range of Guttabs olution tablets for the preparation of offial eye drops) to include Guttabs pro penillin, Each tablet contains penicillin 15,000 nits, with sodium citrate, gr. ½. Guttabs ro penicillin are available in tubes of ten.

Treatment of Hypertension.—Sandoz roducts, Ltd., 134 Wigmore Street, Lonon, W.I, announce the introduction of tydergine for the treatment of hypertenson and peripheral vascular disorders. The roduct is available as tablets for sublinial administration, and as ampoules for the deutaneous, intramuscular or intraterial administration.

Ribbed Hot-water Bottle. — The latest dition to the range of rubber hot-water ottles offered by William Freeman & Co., td., Subaseal Works, Peel Street, Barnsy, the Suba-Seal Streamline, is ribbed r longer heat retention (eliminating the e of a loose cover) and to give a cushion hot air, thus providing additional compand warmth without the risk of arning.

Vitamin B with Phenobarbitone.—Menley & James, Ltd., Coldharbour Lane, London, S.E.5, announce the introduction of Bephen tablets, a combination of phenobarbitone and vitamin B₁ for use in cases where routine sedative therapy is indicated and vitamin B₁ deficiency is suspected or likely to develop. Each tablet contains 16 mgm. (gr. 4) phenobarbitone and 5 mgm. aneurine hydrochloride. It is available (on prescription only) in containers of fifty and dispensing pack of 250 tablets.

Sodium-free "Salt."—A new salt substitute, Therasal, has been introduced by Thomas Kerfoot & Co., Ltd., Vale of Bardsley, Ashton-under-Lyne. Therasal may be used freely in low-sodium régimes because it consists chiefly of potassium chloride with a trace of glutamic acid and inert excipients, though "it has the taste, texture and the obvious physical properties of common salt." Therasal may be used to advantage in congestive heart failure, hypertension, ædema of pregnancy, obesity associated with water retention, and certain forms of dermatitis, but is contraindicated in severe renal disorders, oliguria and Addison's disease, It is issued in 50-gm, and 250-gm. containers.

Champagne-bucket Perfumc.—Heralding a new series of novelties produced by Jean Sorelle, Ltd., 21 Turle Road, Lon-



don, N.4, for the Christmas season, the Tabarin champagne-bucket is already available. The silver-sprayed "bucket" is in plastic.

TRADE NOTES

Bonus Offers. — Lehn & Fink Products, Ltd., Kingston Road, London, S.W.20, sole distributors of Dr. Janssen's herbal tablets, announce a 10 per cent. cash discount on orders of 2 doz. packets or over until July 31.—Under an offer by Wright, Layman & Umney, Ltd.,



42 Southwark Street, Lon-S.E.1, don, until May 31, twelve units of Wright's coaltarshaving stick in plastic container; Wright's coaltarshaving stick refill; or Wright's coaltar lather shaving - cream are invoiced as eleven. A minimum of 3 doz. assorted is required

for carriage-paid terms. The bright new showcard illustrated is being presented to dealers, who are being encouraged to make it a basis of counter and window displays for a minimum period of a week. Advertisements are appearing in national magazines that have a predominantly male readership.

Competition Period Ending. — Jeyes' Sanitary Compounds Co., Ltd., Manor Road, Chigwell, Essex, remind chemists that the closing date for the Jeyes' limerick competition, details of which are given on another page, is June 15.

Price List.—A new price list was recently published by Genatosan, Ltd., Loughborough. Copies were mailed to chemists, but any proprietor who failed to receive one should make application to the company for a copy.

Display Stands.—Church & Co. (Fittings), Ltd., 16 The Oracle, Minster Street, Reading, announce a reduction in the prices of Hokon display stands in spite of an increase in the price of the basic material. Details of size and finishes are given on another page.

One Size Only. — M. & R. Norton, Ltd., 417 Battersea Park Road, London, S.W.11, point out that a note in the company's advertisement in the May 17 issue of the C. & D., that a large size of Dellac nail varnish remover is available was incorrect. The price for 1 doz. small size, is 24s. (plus 100 per cent. tax).

Production As Usual.—John Wyeth & Brother, Ltd., Clifton House, Euston Road, London, N.W.1, point out that the manufacture and distribution of Petrolagar laxative emulsion (plain and with phenolphthalein) is in no way affected by the winding up of the company's whollyowned, non-operating subsidiary (see C. & D., May 10, p. 636).

Now Made in Britain.—E. R. Squibb & Sons, 17 Old Bond Street, London, W.1, announce that Nydrazid, the company's preparation of isonicotinic acid hydrazide, is now being produced commercially in this country. Ample stocks are available to meet the needs of sanatoria hospitals and general practice. Nydrazid is presented as scored tablets of 100 mgm in bottles of 100 and 1,000,

Holiday Closings.—Gale & Mount, Ltd., 37 Rothschild Road, London, W.4. are closing their works for annual holiday from Friday, August 1, to Monday, August 18.—Though closed May 31 and June 2 for the Whitsun holiday, Glaxo Laboratories, Ltd., Greenford, Middlesex, will have a skeleton staff on duty from 8.30 a.m. to 12 noon on Saturday, May 31.—The works of Thornton & Ross Ltd., Linthwaite, Huddersfield, will be closed from Friday evening, May 30, until Wednesday morning, June 4.

Chemicals from Sweden.—A preview of a film showing the production of chemi cals at the works of AB Bofors Nobelkrul Sweden, was given in London on May 2 in the presence of the Swedish ambassador Swedish commercial counsellor, and guest from many British companies in the phar maceutical, plastics and paint industries The film, which was in full colour, showe processes in the manufacture of chemical derived from cellulose, methanol, benzen and xylenol, including, in the pharmaceu tical field, phenol, salicylic and acetylsal cylic acids, saccharin, and aspirin and sac charin tablets. The managing director of AB Bofors (Mr. Sverre Sohlman) introduced the film with an address on the company's aims in non-military chemics production. The company's agents in Loi don are Guest Industrials, Ltd., 81 Grace church Street, London, E.C.3.

SCOTTISH EXECUTIVE ELECTION CANDIDATES

Biographical Details and Policy Statements

BALFOUR, John Edward

QUALIFIED 1927. Thirty-two years in retail pharmacy with Boots, Ltd. Manager of the day and night branch in Edinburgh for the past eleven years. Served on the committee of the Edinburgh and Southeast Scottish Branch of the Pharmaceutical

Society for the past seven years.

Policy:—The type of business with which I am at present associated gives me a very varied experience of the present National Health Service scheme and I shall certainly do all I can to hasten full pricing of all N.H.S. prescriptions and thus facilitate a regular and more accurate payment of accounts. I would advance a policy of unity to all concerned in the interests of pharmacy. Regarding the question of apprenticeship, I feel that a period of two years should be spent by the candidate in a pharmacy or hospital prior to the Pharmaceutical Chemist examination. That, I am sure, would not only be beneficial to the candidate but would be in the best interests of all.

BIRRELL, Robert Boyd

QUALIFIED, 1929. Has been secretary Argyll Insurance Committee, member of the General Council of Panel Chemists (Scotland) and a member of the Pharmaceutical Standing Committee (Scotland) from which he resigned in 1940 on receiving a commission in the R.A.F. Having sold his business in 1942, on demobilisation in 1945, he joined Genatosan, Ltd., as a representative, and continued with them until he purchased another Glasgow business. Since 1945 he has been a member of the committee of the Glasgow and South-west Scottish Branch of the Pharmaceutical Society and has represented the branch at Branch Representatives' meetings.

POLICY:—I feel that it is only by having a strong and well represented Scottish Department that we in Scotland can maintain our high standard of pharmacy. There are many matters of policy in which a stronger lead may be given from the Department and an endeavour should be made to publicise to pharmacy what is taking place (inside). In general we require a little less secrecy and a great deal more publicity for pharmacy. If elected it will be my constant aim to work for the betterment of the profession.

CARMICHAEL, James

QUALIFIED 1920 from Glasgow School of Pharmacy. Apprenticeship served with Fraser & Barr, Largs, Ayrshire. War service with local Territorial unit with fifty-first and twenty-ninth divisions from August 1914 until February 1919. Since qualifying has had experience of hospital and retail pharmacy as manager and proprietor and as sales representative for a number of the leading manufacturers of high-class pharmaceutical products and is now Scottish representative of Fletcher, Fletcher & Co., Ltd., London, Has been on committee of the Association of Glasgow Pharmacists since its inception.

Policy:—I feel that my experience in so many branches of pharmacy has given me a broad outlook on our profession enabling me to appreciate the peculiar difficulties associated with each particular section. Calling as I do on the majority of retail chemists in Scotland I have the opportunity to hear everyone's viewpoint and would thus be able to present their opinions at the appropriate time and place more effectively than can sometimes be achieved

by writing.

COWIE, Robert J.

VICE-PRESIDENT, Aberdeen and North-east Scottish Branch of the Pharmaceutical Society; vice-president and past secretary Aberdeen Pharmaceutical Association. Past member of the Executive of the Scottish Department. Private pharmacist, manufacturer and exporter. Age forty-four.

POLICY:—Upholder of "pharmacy for the pharmacist in the traditional Scottish

manner."

CULBERT, William Spence

Served apprenticeship with the late Mr. John Foster, Sauchiehall Street, Glasgow, and, after qualifying, had experience as assistant and manager in other pharmacies before going to Airdrie, Lanarks, about forty years ago to take over the old-established business of the late Mr. John Harvie.

Policy:—I have accepted nomination as a candidate for election to the Executive of the Scottish Department. My experience on other pharmaceutical Executive bodies should stand me in good stead I am, at the moment, president of the Scottish Pharmaceutical Federation; a

member of the Pharmaceutical Standing Committee (Scotland); past chairman of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society, and past chairman of the former North British Executive. If elected, I shall do all in my power to look after the interests of the Scottish pharmacists.

DAWSON, J. O.

GRADUATED March 1943, B.Sc., Glasgow University. Registered as pharmaceutical chemist, July 1943; and joined the biological department of Boots Pure Drug Co., Ltd., the same year. In May 1945 was appointed research chemist at G. F. Merson, Ltd., Edinburgh. In May 1947 became technical manager of Mersons (Suture), Ltd. (now known as Ethicon Suture Laboratories, Ltd.).

POLICY:—I am interested in the place occupied by pharmacists in industry, and the further education of apprentices.

DRUMMOND, C. G.

PROPRIETOR pharmacist in retail. Qualified from Royal Dispensary, Edinburgh, 1925. Member and past chairman Scottish Department Executive. Member of committee and former secretary, Edinburgh and South-eastern Scottish Branch, Pharmaceutical Society. Member of Pharmaceutical Advisory Committee, Heriot-Watt College, Edinburgh. Formerly a member of the Scottish Health Services Council and chairman of its Pharmaceutical Advisory Committee, and a member of other advisory committees of the S.H.S.C.

POLICY:—Mr. Drummond refrains from giving a detailed statement of policy, standing on his past record.

HENNIGAN, William

After studying at the Heriot-Watt College (where he was president of the Pharmacy Association 1943-44), qualified as a pharmaceutical chemist in 1946. Was one of the founders of the British Pharmaceutical Students' Association in 1943, and was one of a deputation from that Association in their first official meeting with representatives of the Society's Council. From 1946 to 1948 served in the R.A.M.C., and after a period as manager in retail became laboratory manager with Raimes, Clark & Co., Ltd., wholesale chemists, Edinburgh. In May 1950 he was a delegate to the Branch Representatives' London meeting.

POLICY: — Having experience of the different branches of pharmaceutical practice, I appreciate the various problems affecti each, and I do not commend myself to telectors on the basis of any sections terest. I support the maintenance of hi standards of education in pharmacy whi must inevitably lead to the improvement of our professional status, and at the sate time I consider that it would be unwise to our Society to grant any kind of recognition to unqualified persons.

HEPBURN, F.

PROPRIETOR pharmacist. Qualified 19. Age, forty-one. Member Pharmaceuti Standing Committee (Scotland) and Ph maceutical General Council (Scotland chairman of Edinburgh and South-easte Scottish Branch of the Pharmaceuti Society; vice-chairman of the Local Ph maceutical Committee, member of exetive council of the Scottish Pharmaceuti Federation; past secretary of the Sou east Metropolitan Branch of the Pharm ceutical Society.

Policy: - Because the Executive of Scottish Department must work within policy of the parent body my statement one of interests rather than of policy. interests lie in maintaining and sub quently improving the educational sta dards of the pharmacist in order that may be equipped to fulfil his highly sponsible pharmaceutical duties. pharmacist can, and should be, the pers to whom the medical practitioner tu to for advice. The pharmacist will he greater responsibility in the Health S vice of this country and it shall be constant endeavour to uphold at all tir the professional status of pharmacy. shall continue to work, as I have done the past in other pharmaceutical spher in order that the welfare of our profess shall be always in the forefront of minds.

HOLDER, Eldred John

PRIZE-WINNER, Bloomsbury Square, 19: 28 where qualified as a pharmaceutic chemist, Demonstrated at the "Squar and lectured in botany at Mor College, Lambeth, until 1931. Pass B.Pharm., London University, 1930, Joir G. F. Merson, Ltd. (manufacturing comists and suture makers), Edinburgh, process chemist 1931, later becoming chaman and managing director. At presidirector and general manager Dunc Flockhart & Co., Ltd. (manufacturing comists), Edinburgh and London. Mem

Scottish Board of Examiners 1938-50. Ph.D., Faculty of Medicine, University of Edinburgh, 1947. Joint founder and first hairman, Sterilised Catgut Manufacturers' Association. Director, Edinburgh Chamber

of Commerce, 1949-51.

Policy:—The outlook of those who are privileged to guide Scottish pharmacy should be broad. Long-term policy, by aising the educational and scientific status of pharmacists, is developing rapidly to-vards an ideal but we must ensure that heories do not outstrip practical needs. With regard to immediate problems, our attitude should be based on our first duty to supply medicines to the sick in coperation with the doctor—as and when The nation has decided that required. hat shall be done through a State Health ervice—it is up to us to do all we can to nake the scheme work. It does not mean hat we should become philanthropists or hat we need to submit to unreasonable bureaucratic control. The first essential in protecting our interests is to guard and maintain the valuable devolution of control of Scottish pharmaceutical affairs which has developed over the last century.

JERVIE, George Adam

QUALIFIED 1928. After multiple and managerial experience in Bradford and the Manthester area had fully three years in west nd of London. Managed businesses in Brighton and Amersham before returning to Scotland in 1936 to acquire a pharmacy of his own. At present vice-chairman, Angus County Pharmaceutical Committee, and member of the committee of the Dundee Branch of the Pharmaceutical Society.

Policy: - One wishes to actively support and promote reasonable schemes for enhancing the status of pharmacists in all branches of the profession. Whilst being loyally co-operative towards Government approaches on National Health Service matters, one must be wary and diligent in guarding pharmaceutical interests, keeping our powder dry for any battles in the luture; not only determined to keep the Scottish Department Executive the force it has been in the past, but to seek even greater functional power for it.

KEITH, A. W.

PROPRIETOR of one pharmacy and managing director of Miles Leith, Ltd., St. Andrews, Fife. Qualified 1923 after service with the Highland Light Infantry in France (1914-18 war) and a short period in India as a representative of a firm of manufacturing chemists. Member of the Fife County Pharmaceutical Committee and of the council of the Scottish Phar-maceutical Federation.

Policy:—I believe pharmacy should be a profession reached, eventually, only through a university degree. The prospective pharmacist must be assured that, on qualifying, he will not be called upon to handle cosmetics, etc. Its assurance can be achieved by limitation, by population, of pharmacies (a university degree and limitation obtains in France where pharmacy is bracketed along with the leading professions and where both pharmacist and public benefit therefrom). The National Health Service supplies the major part of dispensing. That being so, much more space should be devoted in the pharmaceutical Press to the snags and headaches met with by many fellow pharmacists. I would advocate a monthly supplement in our Press dealing entirely with Scottish Health Service matters. The supplement should contain reports of Local Pharmaceutical Committee meetings, and advice on queries.

MACDONALD, John

Served apprenticeship (five years) with late Mr. W. Wood Wilson, Glasgow, Subsequently employed as chief pharmacist at Western District Hospital and Stobbill General Hospital, Glasgow (fifteen years). For past five years employed as representative in West Scotland with Imperial

Chemical (Pharmaceuticals), Ltd.

Policy: - Being a company representative I am outwith the employer and employee competition in Pharmaceutical Society elections. By virtue of the position I hold and in view of my contacts with the medical profession, retail, hospital and wholesale pharmacy, I am aware of the problems affecting pharmacists as contractors to the National Health Service and as full-time employees of the hospital service. The conclusion I have arrived at is that, fundamentally, the problem facing all pharmacists today is substantially the same, viz., a proper standing and remuneration appropriate to the level required by their professional qualification. Machinery for placing the views of pharmacists before the Department of Health for Scotland should be strengthened. Should I be elected to the Executive of the Scottish Department it is my resolve to give my wholehearted attention to all matters affecting pharmacy as a whole.

MACONOCHIE, M. S.

In retail pharmacy since 1918. Served apprenticeship with the late Mr. G. M. Davie, Carnoustie. Dundee, worked as an unqualified assistant with the late Mr. James Anderson, Dundee, before qualifying in 1926. After a year in London as a branch manager to W. Ellis, Fulham, returned to Dundee as head dispenser to James Anderson (Chemist), Ltd., and remained there until March 1943. During that time was a member of the local branch of the Society and during the war served on the local Pharmaceutical War Committee as employees' representative. In 1943 took over the managership of a pharmacy in Dundee until January 1946, when he entered into partnership with Mr. J. P. Ferrier, Dundee, taking over the business in April 1951. Has been secretary of the Dundee Pharmaceutical Committee since January 1946 and was this year elected vice-chairman of the Dundee

Branch of the Pharmaceutical Society.

Policy:—I can only say that any scheme, educational or otherwise, that would be for the good of Scottish pharmacists would have my support.

MORRISON, Peter J.

EDUCATED at Robert Gordon's College, Aberdeen. Served apprenticeship with the drug department of the Northern Co-operative Society, Ltd. After qualifying in 1936, spent some years in retail pharmacies in various parts of London, the provinces and Scotland. During the war he was an Admiralty pharmacist, being engaged mainly in hospital pharmacy and instructional duties, although taking part in some pharmaceutical research. In 1945 joined the staff of Pharmaceutical Specialities (May & Baker), Ltd., as a medical representative in North and East Scotland and now occupies a senior position with that company in Edinburgh. His twenty-one years in pharmacy have been almost equally divided between its three main branches.

Policy:—Since the advent of the National Health Service there has been a noticeable improvement in the attitude of the medical profession towards pharmacists. The new appreciation is to be welcomed because, with the complexity of modern therapeutics, the pharmacist will find himself having to assume the rôle of consultant on, as well as a dispenser of, medicines. I feel that election to the Executive would enable me to be of practical assistance in encouraging this ideal doctor-

pharmacist relationship.

ROSS, Alexander Stewart

STUDENT Robert Gordon's College, Aberden. Passed Chemist and Druggist examination 1925. Obtained F.N.A.O. 1936. and D.B.A. 1945. In own business for past twenty-two years and at present secretary Association of Optical Practitioners, Central Scotland Branch.

Policy: —I am particularly interested in the Public Services Committee and the remote control of our businesses. In this age of inflated prices I am particularly interested why we contractors alone are forced to accept prices calculated to fractions and decimals of a penny. Acceptance of a reduced oncost in face of changed dispensing fees was intimated to us as a fait accompli—we were not consulted. I'm dead against this attitude of "what is lost on the swings is made on the roundabouts." I feel that the contractors' rights are to have opportunities (better liaison, more consultations) to discuss matters which mean, literally, bread and butter, and that pricing could be simplified. With regard to the other Committees I could promise nothing but to bring to the deliberations the intelligence I possess, the ability I own, and the experience I have had of pharmacy both at home and abroad.

SMITH, George

QUALIFIED 1933. Superintendent of a limited company from 1933-39, after which he owned and managed a retail pharmacy in Glasgow until 1947 when he became a director of John Hamilton & Co. (Pharmaceuticals), Ltd., wholesale chemists, Glasgow. Has been treasurer, Renfrewshire Association of Pharmacists since

Policy:—My normal business brings me into touch with pharmacists all over West and Central Scotland and I feel I thus obtain a wider view of pharmaceutical problems than I could obtain by any other means. It is my opinion that the future of pharmacy depends on strong united action which calls for a body representing all interests in pharmacy and that efforts should be made to alter the charter to enable the Pharmaceutical Society to undertake all negotiations on behalf of pharmacists, whether employers or employees I also feel that the subjects in the exami nations of the Society could usefully be revised to exclude those which are of no value to candidates after qualifying and supersede them by others more useful.

May 24, 1952

STALKER, J. B.

APPRENTICED with Mr. E. E. Imrie, Tillicoultry, Clackmannans, and entered the Royal Technical College, Glasgow, where he graduated B.Sc. (Hons. Pharmacy) in 1934. Registered as a pharmaceutical chemist in 1936. President of R.T.C. Pharmacy Club during final year at college. In 1937 emigrated to South Africa and in 1939 was examiner to the South African Pharmacy Board. During nine years in Africa he travelled over a large part of the continent for May & Baker, Ltd. Set up in business in Alexandria, Dunbartons, in 1947. Acted as secretary to the Dunbarton County Pharmaceutical mittee and the Association of Dunbartonshire Pharmacists.

POLICY:—I am bitterly opposed to any suggestion which can result in the lowering of the status of the pharmacist, in particular to the recognition of unqualified staff. Let pharmacy manage its own affairs and really see that the charter is observed without any interference from outside

bodies. Recognition of that fact in Scotland means providing help to the Pharmaceutical Standing Committee (Scotland) to enable that body to act firmly against Government negotiators in N.H.S. matters. I should like to see better proportional representation on official bodies.

STEWART, G. M. C.

QUALIFIED 1921. Managing director, Frazer & Green, Ltd., Glasgow. Vice-chairman, Pharmaceutical General Council (Scotland) and the Pharmaceutical Standing Committee (Scotland). A member, Scottish Health Services Council, Pharmaceutical Standing Advisory Committee, Standing Advisory Committee on General Practitioner Service and Standing Advisory Committee on Health Centres.

POLICY:—If re-elected, I shall direct my energies towards making a practical contribution to the advancement of all as-

pects of Scottish pharmacy.

At the time of going to press no other statements had been received.

A NAME REMOVED FROM THE REGISTER

THE Statutory Committee of the Pharmaceutical Society of Great Britain met in London on May 7 to consider two cases. The first had been adjourned from April 2 for further evidence to be obtained. It concerned Mr. P. J. Pulpher, Immingham. Mr. Pulpher did not attend either hearing and was not represented by counsel The Statutory Committee or solicitor. found from the evidence that Mr. Pulpher, having received from a doctor National Health Service prescriptions for twenty-five penicillin lozenges and 100 phenobarbitone tablets, had altered both prescriptions or caused them to be altered by increasing the quantities to 250 and 200 respectively, and had then sent his son to another chemist's shop with a view to obtaining those increased quantities. While Mr. Pulpher was in the position of an employee, circumstances might have made it seem worth his while to act as he did for direct financial gain or to augment stocks. The quantity of goods and the money concerned were small, but the Statutory Committee took a serious view of the alteration of prescriptions, which are recognised by all pharmacists as documents which it is a serious matter to interfere with in any way. The Committee decided that the public interest made it necessary for them to direct the re-

moval of Mr. Pulpher's name from the register. They gave no direction as to the date on which application might be made for its restoration.

The second case was that of a chemist convicted of altering an entry in the Dangerous Drugs register respecting the supply of morphine, failing to enter in the register particulars of diamorphine hydrochloride obtained by him, and supplying morphine sulphate to a person whose authority to obtain that drug had been withdrawn. The Committee accepted the explanation of the chemist with regard to the second and third charges, but considered that the first charge rendered him unfit to be on the Register. Nevertheless, taking all the circumstances into account, and in particular an assurance that he had turned over a new leaf, and a favourable testimonial from his employers, the Committee decided to give no direction for the removal of his name from the register. They added that, should he again be in trouble, and it was reported to the Committee, it was unlikely that a lenient view could be taken. They expressed the hope that in every respect in connection with the exercise of his profession he would not only keep on the right side of the law but would adhere to the standards which were expected.

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New Factors in Dangerous Drugs Control

The third report of the Expert Committee on Drugs Liable to Produce Addiction (W.H.O. Technical Report Series, No. 57) discloses important facts and decisions that will affect the future course of interna-

tional control of Dangerous Drugs.

First in importance, it may well prove, is the information that a morphine derivative, N-allyl-nor-morphine, has been used successfully in combating overdosage with morphine and methadone. In fact, the antagonistic action of the compound to the analgesic, respiratory, and other effects of morphine shows a pharmacological departure from the chemotherapy of morphine derivatives, since it introduces a morphine-like substance that actually alleviates the risk of addiction.

A special note (Annexe 1) in the Report states that its dose for antagonistic action is of the order of one part of N-allyl-normorphine to ten parts of morphine or morphine-like agent. The action of N-allyl-nor-morphine in combating respiratory depression may have great practical value in obstetrical analgesia by increasing feetal safety. The conclusion reached from trials on addicted and previously addicted individuals is that its own liability to cause addiction is slight.

Next comes a decision that 3-hydroxy-N-methylmorphinan (methorphinan) is an addiction-producing drug, a decision based upon the following considerations:—

(1) It produces morphine-like euphoria; (2) It will suppress the abstinence phenomenon of (known) morphine ad-

diction; and

(3) It will sustain a morphine addiction. Attention is drawn to the confusion caused

by marketing under the same trade name Dromoran both the racemic and the laevo forms, since the dosages vary in the ratio 5:2. The recommendation is made that 3 - hydroxy - N - methyl - morphinan and 3 - methoxy • N - methyl morphinan should fall under the regime laid down in the 1931 Geneva Convention for drugs specified in Article 1, paragraph 2, group 1. No doubt this new narcotic will in due course be subjected to international control as a Dangerous Drug, since it is definitively an addiction drug by the criteria given.

The Committee confirms that the synthetic narcotics of the pethidine and methadone groups (added to the British "D.D." list in 1950 and 1952) must be

considered as addiction drugs.

The report takes a stage further the distinction between addiction and habituation. It states that "in the development of addiction there is an interplay between pharmacological action and the physiological make-up of the individual." In addiction drugs, pharmacological action is paramount, psychological make-up adjuvant. Sooner or later a time comes when the use of the addiction drug cannot be interrupted without significant disturbance: disturbance is not caused by discontinuing the habituation drug.

The Committee is of the opinion that barbiturates must be considered drugs liable to produce addiction and therefore dangerous to public health. Differences of intensity of that liability among various barbiturates are not at present explored, but measures on the national level

are recommended to ensure that

Barbiturates are dispensed only on prescription;

prescription;

Each prescription specifies the number of times it may be refilled or repeated; and

 A careful record is kept of each prescription.

Those requirements are, of course, already operative in Britain.

Attention is drawn to the fact that amphetamine and methylamphetamine are commonly abused by addicts when morphine or morphine-like substances are not available. It is recommended that a close watch should be kept on the use of the amphetamine group of compounds, so that appropriate measures for their control may be taken if necessary.

The Committee is of opinion that the complete abolition of diacetylmorphine as

a legally produced drug would greatly facilitate the struggle against its illicit use, and recommends that States which failed to answer an earlier inquiry (or if they did, considered it not then possible to discontinue the medical use of the drug) should be asked whether or not they could now abandon its use in the interest of international public health and safety. The Committee holds, too, that cannabis preparations are obsolete and that there is no justification for their medical use.

The dithienylbutylamines are described as "potential analgesics with some morphine-like effects." They are being tested for liability to cause addiction. The convertibility of morpholinoethylmorphine (considered in France to be more effective than codeine) has been re-examined and it is now considered to have less liability than codeine to cause addiction. It could therefore be put under Group II of the

1931 Convention.

"Displaced Persons" under Town Planning

In certain circumstances, as is pointed out on p. 714, local authorities have powers under the Town and Country Planning Acts of compulsory purchase "without designation" of premises that stand in the way of local town planning schemes.

All local authorities have to exhibit their plans and some of them have already done so. But they are not compelled to notify individually any owner or occupier whose property may be designated for compulsory purchase. Hence it behoves any person whose premises may be liable to compulsory acquisition to make inquiries to show whether and how he is affected. In that way he makes himself able, if he wishes, to lodge an objection. Public notice has statutorily to be given of the dates by which objections are to be lodged - the dates vary according to locality-but the Government has announced that rights of objection are not lost if the advertised dates are not observed. Compensation is, of course, payable, but as it is based on "existing use" values in 1948 there is a risk of serious loss, especially by a trader who is proposing to continue his business elsewhere and has to secure fresh premises at present prices or rents.

It is true that Mr. Harold Macmillan (Minister of Housing and Local Govern-

ment) stated recently that the Governmer was having regard to the financial prov sions of the Act, and was contemplatin the introduction of amending legislation Amending legislation is not to be intro duced, however, during the present session Therefore any such fresh legislation will b put forward after the end of Septembe and it is understood that the parliamer tary draughtsmen are now working to the end. The Minister's allusion to "financia provisions" clearly indicates that an fresh legislation, or amendments of exis ing law, will relate to the law governin matters of development charges and con pensation for loss of development right and not to the hardships that will ur doubtedly be borne by many traders wh lose their businesses through compulsor There is little likelihood acquisition. any alteration to the Statutes governing that, and it is most certainly in the beinterest of any chemist or other shopkeepe to ascertain forthwith what intentions, any, the planning authorities have in re gard to his premises.

A Caveat on Isonicotinic Acid Hydrazide

THE potential abundance of isonicotini acid hydrazide consequent upon ease of manufacture tends to eliminate the re traint usually brought about by scarcit in a new drug. A warning is therefor called for against indiscriminate use the drug at the present early state knowledge, especially since resistance muc greater than that mentioned in the fir reports has now been found in culturate tests (see p. 697). While the greatest valu of INH may prove to lie, as the Guy Hospital workers suggest, in its specificit and initial effectiveness in low concentra tion in vitro, attention should be given their suggestion for finding combination that would delay the emergence of resis ance to it. Such work should be dor "with scientific restraint," so that only those combinations are marketed that sho advantages. distinct therapeutic authors' results corroborate the cautional advice being sent by the Ministry Health in the new edition of "Prescribe Notes" (p. 713) to all doctors in th National Health Service.

THE NEW MINISTER OF HEALTH

ON the principle that a new broom sweeps clean, pharmacy and the public may expect that the National Health



Service is now to be most detergently dealt with by the Minister of Health, Mr. Iain Norman MacLeod. For Mr. M.P. MacLeod is new both to the Ministry and to office itself. and in fact not very old even in parliamentary experience, though it may be said that he won his spurs-if the expression is not too

anachronistic—as the Conservative boy David catapulting his missiles with confidence and accuracy at the redoubtable Aneurin Goliath himself.

Perhaps Mr. MacLeod owes something of his grasp of health matters to the fact that his father was a doctor in general practice at Skipton, Yorks. Undoubtedly he acquired a good deal of background as a member of the Conservative Party Parliamentary Secretariat, which he joined on demobilisation from the Army in 1946. Otherwise he would not have been promoted head of the Party's research department, or have become chairman in 1950 of its Parliamentary Committee on Health and Social Security, a position he has naturally surrendered on becoming a Minister of the Crown.

Mr. MacLeod is young for high office: only thirty-eight. But he has had a varied background and experience. He received his education at Fettes College and at Caius College, Cambridge, where he took an honours degree in history. From Cambridge he went into commerce and started to read for the Bar, but at the outbreak of the 1939-45 war joined the Army as a private. It is a sign of his worth that he rose to the rank of Major on Field-Marshal Montgomery's planning staff for the

Normandy campaign.

His first parliamentary candidature was unsuccessful, for he was defeated in 1945 in the Western Isles, a constituency in which he had previously lived. He was more fortunate in the South five years later, when he won the (fairly safe) Enfield

West seat, increasing his majority in the election the following year.

Health is not at the moment in the forefront of national affairs, and its new political head is not a member of the Cabinet, though he was made a Privy Councillor at the time of his Ministerial appointment. The new chief of the Department has been described as a "good bridge player, a would-be poet and an occasional performer on the bagpipes." Perhaps poker, prose, and an occasional arpeggio on the Medresco are likely to be his preoccupations in the immediate future. Mr. MacLeod is joint author of a political pamphlet "The Social Services: Needs and Means."

ADVICE ON ECONOMIES

THE second edition of the Ministry of Health's publication for doctors, "Pres-cribers' Notes," is now being distributed by Executive Councils to all medical practitioners in the National Health Service. Under the title "As a Taxpayer Sees It," it points out that the estimated cost of pharmaceutical services for the year 1951-52 amounts to more than 20s. for every man, woman and child in Britain. "It would seem folly to pretend that there was no waste here," state the Notes which urge that there are too many prescriptions and that they are too expensive (averaging about 3s. 6d, each). The fact that proprietary preparations now make up about 44 per cent, of the total ingredient cost as compared with 24 per cent, in 1947-is noted. A saving of even sixpence on each prescription would produce a total saving of more than £5 million a year. The publication warns that while pharmaceutical advertising matter sometimes says that a preparation is "freely prescribable on Form EC10," a doctor may be required to justify his prescribing to his colleagues on the Local Medical Committee if prima facie it appears that the cost of his prescribing is in excess of what was reasonably necessary for proper treatment.

The average prescribed quantities of cotton wool and gauze (t lb., and 6 yd. respectively) are described as "incontestably extravagant." The notes list the packs and prices of commonly prescribed dressings.

The final two pages are devoted to isonicotinic acid hydrazide. Doctors are advised "It would seem prudent for the present to limit its use to the treatment of in-patients in such hospitals as are equipped with a full laboratory service."

"COMPULSORY ACQUISITION" HAZARDS

A Warning to Occupiers of Premises

DURING the next few years many traders and other owners and occupiers of property may find their premises "compulsorily acquired" by their local authorities for the purpose of implementing development plans under the Town and Country Planning Acts.

The object of town and country plan-

ning, of course, is to secure that all land and buildings are used in ways considered best by the community. The "master plan" for the whole of Britain provides that within the next 15-20 years old towns

are to be reconstructed.

Under the Town and Country Planning Act, 1947, every planning authority (County Council and County Borough Council) was directed that, from July 1, 1948, at the very latest, it must commence making a survey of its area as a preliminary to producing a development plan, which was to be completed within three years for the Minister's approval, and to be subject to review every five years. There was nothing new about development plans or the necessity for obtaining permission to develop, but the time limit of three years was new.

Every local authority is now exhibiting, has exhibited, or is preparing to exhibit, a plan showing the proposed development in the area, including the sites scheduled for clearance, and announcements have been made, or will be made, that the plan is available for inspection by owners or other interested persons. The plans designate as being subject to compulsory purchase any land or buildings required by the Minister or planning authority. By the beginning of 1952, sixty-two planning authorities had submitted plans to the Minister,

"Speedy" Procedure

The provisions of the Acquisition of Land (Authorisation Procedure) Act, 1946, include a clause for "speedy" procedure in certain circumstances. This clause provides for compulsory purchase without designation if the Minister is satisfied that the land or property or both is immediately required "in the interests of pro-per planning." Before the Minister approves a plan a public inquiry must be held, and the local authority must invite objections. But it is not incumbent on the authority to send individual notifications to owners likely to be affected by the

intentions of the authority, and it is now being argued by many owners of "designated" properties that the notice given to them has been inadequate, and that individual notices should be sent to all owners concerned

Objections

Any owner of business premises, residential property or land has the right to lodge an objection to any proposed development that may affect his interests. Terminal dates by which plans may be inspected and objections lodged throughout the country, and the Ministry says that owners should not imagine that, because they may fail to lodge objections to designations within the periods stated in public notices, they will lose their rights to contest claims for Compulsory Purchase Orders. Local authorities are empowered to acquire, by public purchase, any land or property, situated in a zone designated for development, that may be required for carrying out a development plan. They also have power to require, on payment of compensation, the alteration and removal of existing buildings which are obstacles to proper development. Compulsory purchase does not follow immediately on designation in a development plan; the authority must first obtain a Compulsory Purchase Order,

The Act provides for payment of compensation to owners who lose their land or property, but anomalous and controversial situations are likely to arise, since compensation will be paid on the basis of "the existing use value" as at July 1, 1948, Any trader so affected, and so compensated, will suffer considerable hard-ship through the loss of his business pre-mises, especially if his business has been built up over a number of years. Moreover, the high rental levels obtaining at the present time will present the displaced trader with a major problem, quite apart from the difficulty he is certain to encounter in trying to secure fresh premises. It is clear that the compensation payable to such a trader will bear no relationship to the amount he will have to pay for

alternative accommodation,

Every proprietor of a business should therefore, to safeguard his interests, as to business premises, and private residence or both, start making inquiries without delay at his local municipal offices.

PHARMACEUTICAL SOCIETY OF IRELAND

THE Council of the Pharmaceutical Society of Ireland met in Dublin on May 13, the president (Mr. J. P. Kissane) in the chair. There were present Messrs, M. Costello (vice-president), H. P. Corrigan (treasurer), P. F. McGrath, T. C. Scott, T. B. O'Sullivan, A. A. Toher, Senator F. Loughman, P. Fullam, N. A. McKane, F. J. Robinson, P. Brooke-Kelly, J. A. O'Rourke, C. J. Cremen and M. Power. The registrar (Mr. J. G. Coleman, B.L.) was in attendance. Apologies for inability to attend were received from Messrs. P. A. Brady, T.D., R. Daly (Cork) and G. C. O'Neill.

Control of Cortisone

The Council considered Department of Health draft regulations for control of the sale of cortisone, proposing that no person other than a pharmaceutical chemist or chemist and druggist should sell cortisone, and then only on medical prescription which must be retained for two years, and that no repeat sales should be made without a fresh prescription, and that where the cortisone was given to a person other than that named on the prescription the name of that person should be recorded.

MR. McKane commented that they had there a potent substance which chemists were permitted to stock for human use, yet they were precluded from stocking equally potent substances for animal use by some of the manufacturers of veterinary pre-

parations

Mr. Costello said that the regulation was of the type they needed. The Council should express approval of the draft submitted, and refer it to the officers if there were anything further to be gone into. The Council acted on Mr. Costello's sug-

gestion.

To a Department of Health request for observations on Article 5 of the Draft European Convention for Reciprocal Treatment of Nationals, particularly in relation to persons belonging to the arts and professions, it was decided to reply that the Council had no power to recognise pharmacists outside the State, except within the limits prescribed by the Pharmacy

The Council noted a letter received from the publisher of The Chemist and DRUGGIST intimating that from the first issue of 1953 the paper would revert to

its former quarto size.

An application of Mr. James Hutchinson, Toronto, Canada, to be restored to the Registered Druggists' register granted.

Messrs. Joseph Broderick, Ibrahim M. Iddali, Walter McFarland, Norman F. de Vere, Michael J. Whitelaw, and Christopher Fennelly wrote requesting registration as pharmaceutical chemists, and submitting Licentiate of the Apothecaries' Hall certificates. The applications were granted.

The Registrar reported on the death of Hugh Montgomery Kelly, L.P.S.I.

In connection with the reconstruction of the new premises at Shrewsbury Road, THE REGISTRAR mentioned that it was desirable to appoint a Buildings Committee to make decisions on various matters as they arose. It was proposed to hold the July examinations in the new premises, and then proceed with the decorations. He suggested that the date of the official opening should not be fixed until the September meeting of Council, and that course was agreed to.

On the proposal of Mr. Costello. seconded by Mr. Brooke-Kelly, it was agreed that the officers and Messrs. McGrath and Cremen should constitute

the Buildings Committee.

The following changes of address were

notified:-

Mr. Gerard M. O'Neill, M.P.S.I., from 4 Palmyra Park, Galway, to 1 High Street, Galway; Mrs. M. Pilkington, M.P.S.I., from 24 Grosvenor Road, Rathmines, Dublin, to c/o The Dispensary, Grattan Street, Cork; Mr. Nicholas Scroope, M.P.S.I., from Lusaka, N. Rhodesia, to Box 6, Ndola, N. Rhodesia; Miss Mary A. Conyngham, L.P.S.I., from 16 Wood Lane, Falmouth, Cornwall, to Clovergates, Tresahar Road, Falmouth, Cornwall, Cornwall.

THE REGISTRAR reported that preliminary registrations had been made in respect of Joseph C. Britton, Mary E. C. Joyce, Mary T. Kenny, Teresa Kenna, Kieran D. Fitzpatrick, Maurice A. O'Connell, Stephen J. Ryan, Michael B. Waters and Bernard Tedders.

Reports of Committees

Reports from the Law, Schools, and Journals Committees were submitted and approved. The report of the Journals Committee showed that while a majority of the ballot papers received were in favour of a home-produced journal being made the official organ, many of those accompanied their vote with various qualifications or reservations. Three hundred did not return ballot papers. In view of the many letters expressing qualifications the Council decided to refer the whole matter back to the Journals Committee to analyse the replies.

Senator Loughman urged, and Mr. Cremen supported, that the journals committee should consider the question of having the membership subscription separate altogether from subscriptions to journals, and the committee were asked to examine that point,

The reports received from the examiners to the recent Licence and Assistants' examinations showed that of the seventysix candidates (forty-five men and thirty-one ladies) who sat for the Licence examination, seventy-five candidates did pharmacy, of which number forty-three failed: seventy-one candidates did chemistry and of them thirty-seven failed; and sixty-nine candidates did botany materia medica nineteen of them failing. Of the fourteen men who sat for the Dispensing Chemist and Druggist examination, twelve failed. For the Assistants' examination forty-two caudidates entered (eighteen ladies and twenty-four men), Of passed number twenty-one twenty-one failed. An analysis of the failures showed that fourteen failed in compounding, twelve failed in poison law, and thirteen failed in the British Pharmacopœia sections.

Veterinary Preparations

Discussion was resumed on Mr. Power's adjourned notice of motion:

"That this Council views with grave concern the policy of any firm which puts extra restrictions on the handling and distribution of veterinary drugs and preparations. That the Council take strong and immediate action in protecting the legal status of its members and licentiates as

granted under the Pharmacy Acts.'

Mr. Power said he acknowledged with thanks those who went to the trouble of replying to the request made at the last Council meeting for details of instances in which they had been refused supplies. He especially mentioned the West of Ireland Chemists' Association, which had had a discussion on the question recently, and supplied information for that day's Council meeting. The withholding of veterinary supplies affected every pharmacist in the country. When a licentiate qualified through the Society it was always understood that he was entitled to handle and stock all poisons and drugs of every description. A few years ago some manufacturing firms took upon themselves not only to restrict the distribution of their veterinary preparations, but to cut out the pharmacist altogether. By doing that they were trying to deprive the pharmacist of business he was legally entitled to handle.

MR. McKane, seconding the motion, said the West of Ireland Chemists' Association meeting held recently at Claremorris felt strongly about the matter, and gave every support to Mr. Power. He felt the Society had always been too dilatory in taking action. It was impertinence for those firms to withhold from them lines they were entitled to retail, and their action was in the nature of restrictive practice. It was the duty of the Council to protect the interests of its licentiates. Mr. Scott asked what constructive suggestions could be put forward to deal with the problem.

An Understanding Possible

Mr. Power said an understanding could be reached with the manufacturers concerned that those products could not be sold to anybody and everybody, but directly to or through a veterinary surgeon, MR, CREMEN gave the Council a résumé of previous negotiations with the firms in question, and said the crux of the whole matter was that a guarantee was asked for that those things would not be sold over the counter. The negotiations for one reason or another were not pursued. Mr. Costello, also recalling previous discussions with representatives of the veterinary surgeons, said they had wanted a joint disciplinary body set up. The chemists were asked to draw up a code of conduct for their members. The Presi-DENT said that they were a statutory body issuing licences to licentiates to stock, compound and dispense medicines, and those firms were cutting across their rights. Mr. Scott thought it might be possible to go into the matter again with the veterinary representatives and evolve a scheme in both Mr. McGrath said it their interests. would do no harm to try every avenue to help country members in the matter. The REGISTRAR mentioned the possibility of carrying stocks against post-dated prescriptions, and Mr. Corrigan suggested individual contracts between chemists and manufacturers, Mr. Cremen said the issue could be raised as to the position of a chemist who had a prescription from a veterinary surgeon and was unable to fill it. He did not know whether that could be regarded as a restriction on trade. It was agreed that the officers should take appropriate action.

The Licence certificates of Joan Mary Aherne, Miriam C. Arnold and Patrick J.

O'Brien were signed and sealed.

A motion in the name of the president governing future examinations and lec-

tures was passed, subject to the approval of the Minister for Health.

It was noted that the British Pharmaceutical Conference would be held this year at Nottingham from September 1 to September 5.

Miss Mary J. Terry, and Messrs, Bernard Cullen and Francis E. Smith, were elected members of the Society. The following were nominated for membership:

Mr. Norman de Vere, Ballina, co. Mayo; Mrs. P. Burke (née Feehan), Ballyduff, co. Kerry; Mr. Christopher Feunelly, 40 Upper Fitzwilliam Street, Dublin; Mr. Ibrahim Iddali, 33 Goldsmith Street, Dublin; Miss Kathleen Carty, The Square, Castlepollard, co. Wéstmeath; Mr. Patrick M. Guerin, Round Tower House, Roscommon.

At a meeting of the benevolent fund committee held at the close of the Council meeting a number of grants were passed for payment.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

A MEETING of the Council of the Pharmaceutical Society of Northern Ireland was held in Belfast on May 16, the president (Mr. H. W. Gamble) in the chair. Also present were Messrs. W. H. Boyd (vice-president), H. P. Crossin (treasurer), S. E. Campbell, H. F. Moore, James Irwin, W. P. Ewart, H. J. Cousley, M.B.E., J.P., C. Abernethy, J. McGregor, P. R. W. Shinner, Dr. H. D. Heazley, Professor E. B. C. Mayrs, M.D., and Professor James Small, D.Sc. The secretary (Mr. W. Gorman) was in attendance.

The Minister of Home Affairs had directed that William James Young, 81 Castlereagh Road, Belfast, should be struck out of the register of pharmaceutical chemists in Northern Ireland as from May 1. The President stated that he understood that a limited company had been formed and that a pharmacy was still being conducted at that address. As no reply had been received to communications from the secretary asking Mr. Young to return his certificate, it was decided that, after one week's grace, the matter should be reported to the Ministry.

The Pharmacy Board of Queensland, Australia, wrote stating that, after receipt of copies of Acts of Parliament, Statutory Rules and Orders and examination papers from the Society, the Board was prepared to enter into a reciprocity agreement as from April 24. On the motion of Mr. McGregor, seconded by Mr. Moore, it was decided to enter into the agreement as from that date.

It was recommended that the certificate of apprenticeship should be granted to Miss R. B. Hamilton, Moneymore.

The minutes of the Finance Committee were adopted on the motion of Mr. Crossin, seconded by Mr. Campbell.

The secretary reported on the interview with the Minister of Home Affairs on the proposed new legislation, when the points raised had included increasing the number of pharmaceutical chemists on the

Council, additional powers to the Council to use the Society's funds, amendment of the educational system, further jurisdiction for the Statutory Committee, control of bodies corporate, amendment of the Penicillin Act, concessional powers with regard to ex-Service personnel seeking qualification, sale of poisons by hatcheries and from vans, additional powers for the pharmacy inspector, and exemption of pharmaceutical chemists from jury service.

The President said that the deputation had had a sympathetic hearing from the Minister, and hoped that agreement could be reached. A communication from the Ministry was now expected,

On the motion of Mr. Boyd, the Regulation passed by the Council on January 18 to amend Regulation No. 47 of the Society's general regulations, 1946 (C. & D., January 26, p. 108) was rescinded, and the seal was ordered to be affixed to the following amendment in substitution:—

"A candidate for the preliminary certificate of apprenticeship to a pharmaceutical chemist shall furnish the Council with documentary evidence of either (a) having passed either the matriculation examination of any university in the United Kinschom or the grammar school senior certificate examination of the Ministry of Education of Northern Ireland, having passed, at one and the same examination, in the following subjects—English or English language, a mathematical subject, and three subjects from the following list: English literature (where that is a separate subject), Latin, French, German, domestic science, modern or ancient history, geography, botany or biology or zoology, chemistry, physics or mechanics; or (b) having obtained the general certificate of education of the University of London and having passed, on one and the same occasion, in the following subjects: English language, pure or applied mathematics, and three of the following: English literature, Latin, French, German, domestic subjects, history or ancient history, geography, botany or biology or zoology, chemistry, physics."

Members were appointed to be in daily attendance at the examinations to be held in the Belfast College of Technology in the week commencing June 16.



Girls gather the flowers.

PYRETHRUM, source of the principal "knock-down" ingredient of liquid insecticides, is in Kenya marketed by the Kenya Farmers' Association (Co-operative), Ltd., which acts as selling agent for the Pyrethrum Board of Kenya. The crop has been important in the Colony since about 1928. It made its entry via Britain.

First introduced into Europe from Persia by an Armenian merchant, pyrethum was soon established in Dalmatia, which became the leading world producer until ousted by Japan after the 1914-18 war. Application of the ground flowers as "Persian insect powder" was overtaken about 1919 by its use in household sprays, dissolved in petroleum oils. In 1924 ex-



Some carry in the baskets on their heads, others in bags suspended from a strap across the forehead.

At right: A foreman inspects the delivery.

KENYAP

perimental plots were started in various parts of England, and in most of them crop yields were good. But, even with the use of women's labour, production on a large scale was not economic at the prices then ruling. Seed was accordingly sent out to various countries in the Empire for trial production. About that time a Kenya pioneer (Captain Gilbert Walker) consulted the Imperial Institute for alternative and relatively high-priced crops that might be worth trying in Kenya. The Institute recommended pyrethrum, and Captain Walker established commercial production of the plant on his Kenya farm, using seed from Dalmatia. An early impetus was given to cultivation when it was found that pyrethrum was useful in combating pests of coffee, one of the major crops in Kenya. When samples were sent to the Imperial Institute for analysis, it was found that fully opened flowers had a pyrethrin content higher than Dalmation flowers of average quality. It was soon established that pyrethrum could be grown most successfully in Kenya at altitudes from 5,500 ft. upwards, the best results being obtained at about 8,000 ft. in localities having a well distributed moderate rainfall. Now East and Central Africa have become two of the greatest producing areas of pyrethrum in the world.

Recently the industry became alarmed by the threat from a new synthetic pyrethrin-like material, allyl cinerin 1, whose selling price is only slightly higher than the present price of natural pyrethrins, and whose toxicity is greater on some in-



ETHRUM

sects, though less on others. The Pyrethrum Board of Kenya considers, however, that a fair field in the world's markets will always be open to the natural products provided quality is maintained. It is thought likely that allyl cinerin 1 will eventually benefit the pyrethrum industry by becoming a "co-operator," that is an addition to a pyrethrum mixture that will improve its all-round value. The flowers, after picking, are dried on the farms, bagged, and sent to a Central Receiving Station for grading, baling, packing and preparation for export to over thirty different countries. America is one of the principal importers, and pyrethrum is thus



The blooms are spread out for drying.

a major factor in the Colony's dollar-earning capacity. Field research work is carried out at four experimental stations, while plant breeding experiments to produce high-pyrethrin strains are conducted at the Government Plant Breeding Station.

A correspondent in Kenya writes: "Hypericum farm where I stayed is at North Kinangop, some twenty miles from Lake Naivasha, and is about 8,400 ft. above the sea, Pyrethum is grown on about forty-five acres, at about 22,000 plants to the acre. The lowest altitude at which

The flowers are dried in the sun.



The headman weighs the blooms.

it is grown is about 6,000 ft. A system of rotation of crops is followed under which, after four or five years, the plants are dug up, divided and planted elsewhere. Naturally care is taken to keep the total amount of pyrethrum stable, or to increase it under control. Between ten and twenty-five women, some of whom bring their 'totos' (males under fifteen years of age) with them, do the picking and weeding under the supervision of the head man (a sergeant-major in the campaign in Burma). The women are paid for the picking according to results. Too much rain increases the weeding. After being picked, the pyrethrum flowers, which look rather like daisies, are dried in the sun or in the drying plant in wet weather. They are bagged and sent to the factory of the Pyrethrum Board, where they are graded and compressed. The whole output of the farm goes to the U.S.A. The market value of pyrethrum was higher in 1951 than in 1950 but at Hypericum farm profits fell because excessive rain lowered the output.'



PHOTOGRAPHIC DEALERS' ANNUAL MEETINGS

The thirty-eighth annual meeting of the Photographic Dealers' Association was held in London on May 14, the president (Mr. C. W. G. Walmsley) in the chair at the opening. Members received a report by the national council of the Association on the year's work, which showed that strong pressure to reduce dealers' discounts had been stoutly and successfully resisted. The scale of prices for 1952 had been set at the same levels as in 1951, and the terms of acceptance on D. and P. receipt dockets,

adopted in 1951, had proved successful in defending court cases brought against members for spoilt films. In a memorandum to the Board of Trade on price maintenance the Council had included the point that "it is essential to the well-being of the industry and the consumer that the print should be as good as possible, and

also sold at the lowest economic price." The British Photographic Manufacturers' Association ("fully representative of our suppliers") had forwarded to the Board of Trade a statement that supported the P.D.A.'s own case.

There had been a record number of candidates for the P.D.A. examinations in April. The education committee had completely revised the examination syllabus, incorporating up-to-date developments, and new certificates of attractive design had been introduced. Four branches had been re-formed, and a plan had been prepared for greater branch activity. Regular conferences had been held to ensure that manufacturers were clearly aware of their distributors' problems. To advance photography and promote sales, the Council had prepared a scheme whereby film strips would be available for exhibition to teenagers and youth clubs.

The accounts showed an excess of £310 expenditure over income, mainly under the heading "head office salaries," with assets valued at over ten times that amount.

In the election of officers, Mr. Allen Aldington, M.P.S., was chosen President, and Mr. Lyall G. Smith, M.P.S.I., Dublin, Vice-president, Acknowledging his elevation to highest office, Mr. Aldington said it seemed only a short time since he had been nominated a councillor of the Asso-

ciation and "thrown into this most interesting work" as a representative of West London and Middlesex members. He had had considerable pleasure in the tasks that had fallen his way, and would do his utmost to merit their confidence. He liked to think that he represented the smaller dealer, "particularly the chemist variety," and hoped that those present could convince others who were not members that all that the Association had done in the past had been to their advantage, deserved.

ing their support. He asked his hearers to join in a drive to increase

membership.

MR. ALDINGTON then put forward a "busy man's creed":—"I believe in what we are doing in the Association I am working for, and in its ability to get results. I believe in working, not weeping nor boasting, and in the pleasure of



Mr. Allen Aldington is invested with the presidential collar.

this job. I believe that a man gets what he goes after, that one deed done today is worth two deeds done tomorrow, and that no man is down and out until he has lost faith in himself. I believe in today and in the sure reward which the future holds. I believe in courtesy, in kindness, in firmness, in generosity, in good cheer, in friendship, and in honest competition. I believe that there is something doing somewhere for every man ready to do it."

He concluded with a tribute to his predecessor in office (Mr. Walmsley) to whom he presented a past-president's badge.

Eire Branch

THE annual meeting of the Eire Branch of the Association was held in Dublin or May 5, Mr. P. A. Brady, T.D. (acting

chairman) presiding.

MR. BRADY referred to the loss the Branch had suffered in the death of it chairman (the late Mr. J. J. Roche). Dealing with the work of the branch commit tee he said that thanks to its vigilance ther was virtually no price cutting in the price of cameras, films, or apparatus. The committee's principal work in the previou twelve months had been to deal with the great number of applications for member ship from people like radio dealers, cyclagents, newsagents, and mixed traders

The fact that the business was today largely in the hands of chemists and legitimate photographic dealers was entirely due to the work of the P.D.A. For that reason alone chemists should support the Association by being members of the Branch.

MR. LYALL SMITH (secretary and Irish representative on the Association's council) said that if dealers were to keep up to date with developments in photography they must have properly trained staffs behind their counters. In the United States, winter photography had brought as much developing and printing as in the summer months. The council had a special committee working on the subject. Hitherto, one of the greatest hindrances to the use of cameras indoors had been the price of flash bulbs. On that matter meetings were being held with the manufacturers.

The reports of the chairman and secre-

tary were unanimously adopted.

MR. P. F. McGrath, Dublin, proposing "That the committee be increased to fifteen members, five of whom will retire annually," said that bringing new blood into the branch committee would be all to the good, and he would like to see members from Cork and Limerick in addition to those from Dublin.

MR. J. A. HURSON, seconding, thought it would be desirable to have wholesalers as well as retailers on the committee.

Mr. J. A. O'ROURKE, Dun Laoghaire suggested that they should leave two or three vacancies to allow members to be co-opted from Cork, Limerick and Galway.

THE CHAIRMAN and SECRETARY both pointed out that, as the P.D.A. was a retailers' association, it would not be possible to have wholesalers on the committee. though it might be possible to have a separate section made up of wholesalers, manufacturers, and agents.

Mr. McGrath's motion was passed. On the motion of MR. O'ROURKE, seconded by Mr. G. W. Irwin, the following nine outgoing members of the committee were unanimously re-elected: Messrs. A. Allshire, P. A. Brady, T. R. Bourke, A. Hennessy, P. F. McGrath, B. F. Mason, W. Pollock, P. Slattery and L. G. Smith. Mr. Vance, Cork, Mr. J. A. Hurson, Dublin, Mr. A. A. Toher, Sligo, and Mr. M. Mahony, Kilkenny, were elected to the committee. It was agreed to leave it to the committee to co-opt two members to complete the fifteen.

MR. SMITH stated that during the pre-

vious few years 144 applications had been received for membership, 103 of which had been passed, the remainder rejected or referred. The principle adopted in dealing with new applications was not the number of photographic dealers in the district, but ability to sell photographic goods. A reasonable case could be made for refusing to accept such people as radio dealers to sell photographic goods.

Mr. Hennessy suggested that an approved list of photographic wholesalers should be compiled, similar to that of the Irish Drug Association, Mr. Hurson agreed, and said that if they had wholesalers organised it would be possible to deal with people claiming to be professionals who went from shop to shop asking for discounts. Mr. HENNESSY said some of those professionals, or semi-professionals, were getting full trade terms from wholesalers; that should be stopped. MR. M. CASHMAN, Dublin, thought there should be co-operation between the Association and the body now organised to represent the professionals. THE CHAIRMAN said that the trend of the discussion indicated that it would be a good idea to have a wholesale section. After hearing a report from MR. ALLSHIRE on the steps taken to promote photographic competitions by the newspapers, the meeting decided to leave the matter in the hands of the incoming committee. In a discussion on developing and printing prices Mr. SLATTERY remarked that the position in Dublin was better than it had been, and MR. VANCE observed that dealers in Cork were not affected to any extent by cut prices,

FIFTY YEARS AGO

A Death from Teething Powders

From the C. & D., May 24, 1902 AT an inquest held at Sunderland on May 15 on a four months' old baby, Dr. Todd attributed death to some irritant poison, but he could not say what it was. He had examined teething powders similar to some given to the child, and had found that one was composed of mercury and chalk, while in another opium was an ingredient. The powders given to the deceased child had been obtained from a general dealer, a woman, who stated that she had sold similar powders for three years. She got them from Leeds. The jury found that death was due to an irritant, but what this irritant was there was no evidence to show.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

LONDON. MAY 21

Lower rates are now current for Anti-Mony salts. The value of Silver nitrate also fell by 2\d. per oz. after the Metal became cheaper by one penny per oz. during the week. Other SILVER SALTS are unaffected. The price of ZINC metal is being reviewed by the Ministry of Materials (see p. 701) and, in view of the prices paid by overseas countries, a continuation of the present high level seems hardly justifiable. Stocks of ZINC OXIDE held are said to be fairly considerable, mainly owing to a falling-off in consumer demand. A lowering of the present peak prices seems inevitable if lower metal rates are established. MERCURY remains firm at from about £73 per flask. Producers in Spain and Italy maintain that they have sufficient contracts at present-day levels to take all their output. Domestic Tar-Taric acid was lowered by 10s, per cwt. on May 19 to meet foreign competition; CREAM OF TARTAR is unchanged

Quiet conditions continued in the CRUDE DRIGS market. Prime Cape Aloes showed a further decline at origin. Other commodities quoted lower from source included: African GINGER, by 7s, 6d, per cwt.: whole Cassia bark, by 12s, 6d, per cwt.: Tinnevelly Senna Leaves (drycrop), and Turmeric. Supplies of both the Ceylon sun-dried and East African Papain are more plentiful, and shipments are now arriving regularly. The spot market for Shellac again declined, values being 5s, per cwt, lower than in the previous week in F.O.T.N. pure and F.O. standard No. 1 grades. Shellac exports from India during April totalled 21,231. The United Kingdom imported 10,558 packages, against 28,401 in April, 1951. The United Kingdom imported 10,558 packages, against 9,720. Shipment prices of Quassia Chips were somewhat firmer. All Waxes were unaltered on previous quotations. Holders of French natural Gentian Root on the spot shaded their prices by 2s, 6d, per cwt.

In the Essential Oils market Chinese

In the ESSENTIAL OILS market Chinese PEPPERMINT became fairly firm, since stocks here are now at a fairly low level. The market is practically bare of SPEAR-MINT, with no more arrivals expected before the new-crop oil is ready in August. Imported oils quoted lower in price include: CARAWAY, NUTMEG, GINGER, Spike LAVENDER, LEMON and ROSEMARY.

The Ministry of Food has announced that no change will be made in the prices of unrefined oils and fats and technical animal fats allocated to primary wholesalers and large trade users during the four-week period ending June 14.

U.S. Drug and Chemical Report

NEW YORK, MAY 20 TERMINATION of the labour dispute in the petroleum industry has given assurance of resumed output of petroleum chemicals and of normal consumption of other chemicals by that industry U.S. exports of chemicals and related products in March were slightly higher at \$50.3 millions as against \$78.7 millions in February, Imports during March were valued at \$23.5 millions against \$23.6 millions in February. Heavy inventories caused Japanese Mex-THOL to decline to \$6.40 per lb. (down 20 cents). Following reductions in the price of Silver Bullion, Silver nitrate was reduced to 55½ cents per lb. An increased use of Agar helped to boost the price to \$1.60 per lb. for No. 1 Kobé (up 10 cents). Madras Turmeric was down by one-half cent, per lb. In Essential Oils, respectively at the pricin cancel Carlos strength at the origin caused Ceylon CIT-RONELLA to advance to a minimum of 80 cents per lb. (up 5 cents or more). How-ever, a cut in the Formosan floor price of citronella caused a reduction of 10 cents. per lb. in that oil. Also lower per lb. were Bois de Rose at \$4.20 (down 5 cents) and Petitgrain, \$3.25 (down 50 cents).

Pharmaceutical Chemicals

ACETANILIDE.—1-ewt, lots are 2s, 11d, per lb, for crystals and 3s, per lb, for powder.

AMIDOPYRIN.—In 1-cwt, lots the price is from 32s, 6d, to 35s, per lb.

AMMONIUM BENZOATE.—For 28-lb, lots and upwards the price is 5s, 6d, per lb.

Ammonium chloride. B.P. — Makers quote 1-cwt, lots at $11\frac{1}{2}d$, per lb.

AMPHETAMINE.—BASE is from 65s, to 68s., and SULPHATE from 56s, to 59s, per lb, as to quantity, d-AMPHETAMINE is from 650s, to 700s, per kilo.

ANTIMONY SALTS.—Quotations for Potassium tartrate are 5s. Sd. per lb. for 1-10-cwt, and Sodium tartrate, 6s. Sd. per lb.

Atropine. — Rates per oz, are: Alkaloid, 58s, 9d.: 4-oz., 58s, 3d.: 25-oz., 57s, 9d. Sulphate, 48s, 9d.: 4-oz., 48s, 3d.: 25-oz., 47s, 9d. Methyl nitrate in 4-oz. lots is 78s, 6d. and Methyl bromide, 76s, 6d. per oz.

Barbitone.—Current rates per lb. are: 1-cwt. lots. 39s.; 28-lb., 40s.; 7-lb., 41s. The Sodium derivative is 1s. per lb. more than the base.

BENZOCAINE. — 25-lb, lots are 44s.; 14-lb., 45s.; and 7-lb., 47s, 6d, per lb.

BENZOIC ACID.—1-cwt, lots are 3s, 0\frac{1}{2}d, per lb. The SODIUM SALT is 2s, 10\frac{1}{2}d, per lb, in 1-cwt, lots.

BISMUTH SALTS.—The following are the prices (per lb.) in largest bulk packages:—

		I-cwt.	28-lb.	7-lb.	
		s. d.	s. d.	s. d.	
CARBONATE		28 2	28 5	32 10	
SALICYLATE	• • •	24 5	24 8	28 6	
SUBGALLATE		23 6	23 9	27 6	
SUBNITRATE		24 5	24 8	28 6	

Borax.—Prices for B.P. grade, for quantities of 1 ton and upwards are as follows:—Granular, £48 10s.; crystals, £51; powder, £52; extra-fine powder, £53 per ton. Prices of commercial range from £39 10s. to £44 per ton, as to type, and dehydrated borax is now £60 10s. per ton. In 1-cwt, bags; carriage paid in Great Britain. Surcharges for small quantities as for boric acid.

Boric acid.—Prices for B.P. grade in quantities of 1 ton and upwards are as follows:—Granular, £81; crystal, £88; powder, £85 10s.; extra-fine powder, £87 10s. per ton. In 1-cwt, bags; carriage paid in Great Britain. Surcharges for smaller quantities: Less than 1 ton but not less than 5 cwt., 1s. per cwt.; 3 cwt., 2s.; 1 cwt., 5s.

Brucine.—Alkaloid is from 1s, 8d, to 1s, 9 $\frac{1}{2}$ d, per oz., and Nitrate and Sulphate from 1s, 7d, to 1s, $8\frac{1}{2}$ d, per oz., as to quantity.

CALCIUM SUCCINATE. — Quotations are from 10s, 6d, to 12s, 6d, per lb., as to quantity. SUCCINIC ACID is from 10s, 3d, to 12s, 3d, per lb.

CARMINE.—Prices are from 75s. to 80s. per lb., according to quantity.

CHALK.—In minimum 1-ton lots powder is £22 and cones, £23 10s, per ton.

CHLORBUTOL.—28-lb. lots are at the rate of 13s, 6d, per lb.

Chloroxylenol,—B.P. quality is quoted at 6s. 9d. per lb. for 1-cwt. lots.

CITRIC ACID.—British makers quote 218s, per cwt. for 1-4-cwt, lots and 213s, per cwt. for 5-cwt, Quotations are now net.

CREOSOTE.—B.P. quality, ex beechwood, is quoted at from 6s, 9d, to 7s, 6d, per lb. CRESOL.—Price of B.P. quality from dis-

CRESOL.—Price of B.P. quality from distillers is 7s. 9d, per gall, in 5-gall, lots.

DITHRANOL.—Price per lb. is now about 191s.

SILVER SALTS.—NITRATE: In 1,000-oz, lots is 3s, 11¹8d, per oz.: Protein unchanged at from 36s, 3d, to 42s, 9d, and for Vitellin from 68s, 6d, to 76s, 6d, per lb., as to quantity.

Tartaric acid. — Lower. Rates for the home trade are as follows:—10-cwt, lots. 260s. per cwt.; 5-9-cwt., 262s.; 2-4-cwt., 264s.; 1-cwt., 265s.

Crude Drugs

Aconite.—Spanish napellus is 3s. 9d. per lb., duty paid, ex wharf.

Agar.—Firm. Kobé No. 1 on the spot is 14s, 9d, per lb.

Aloes.—Prime Cape is easier forward at about 190s, per cwt., c.i.f.; spot is unchanged at 200s. Curação is 425s, per cwt., on the spot.

ANTIMONY. — English, 99.6 per cent., £317-10s.; 99 per cent., £305 per ton.

Asafœtida.—Persian block is £18 per cwt., in bond.

Balsams.—Canada: Small quantities on the spot are 30s, per lb.; forward, 28s. per lb., c.i.f., May shipment, Copaiba: Para, soluble is offered on the spot at 17s. 6d, per lb. Peru is 15s. per lb., duty paid, and 13s, 3d., c.i.f. Tolu, natural is steady on the spot at 33s, 6d. per lb., and for shipment, 31s., c.i.f.

Belladonna.—Root is from 3s, 3d, to 4s, 4d, per 1b., on the spot, duty paid, according to test. Leaves are from 3s, to 5s, per 1b., as to test.

Benzoin.—No. 1 Sumatra block on the spot is quoted at from £27 10s, per cwt. and for shipment, £26 (or a shade under). c.i.f. Siam almonds are from 27s, 6d, to 37s, 6d, per lb., spot, as to size.

BISMUTH, — In minimum 5-ewt. lots, METAL is 25s, per lb.

Buchu,—Short round leaves, new-crop, are 2s. 3d. per lb., old-crop, 2s. 2d., spot.

Camphor. — Chinese (B.P.) powder on the spot is from 4s, per lb, in bond (4s, 6d, duty paid); \(\frac{1}{2}\)-oz, tablets are quoted at 6s, per lb., duty paid; \(2\frac{1}{2}\)-lb, slabs, 5s, per lb., duty paid.

Capsicums.—Abyssinian are from 140s, to 180s, per cwt. on the spot; 110s, to 120s., c.i.f. East African, on stalk, are 150s, per cwt., and off stalk from 180s, to 200s,

Cassia Bark.—Whole on the spot is 120s, per cwt., ex warehouse; forward, 105s., c.i.f.

Ergor.—Portuguese is 37s. 6d. per lb., spot, New-crop for July-August shipment is offered at 30s., c.i.f.

Gentian.—French natural on spot is 120s, per cwt., and 115s., c.i.f., nominal.

IPECACUANHA.—Forward offers of Nicaraguan, May-June shipment, are from 45s, to 46s, per lb., c.i.f., and Colombian, 41s., c.i.f. Spot prices are nominal.

Menthol.—Chinese is 50s, 6d, per lb., and Brazilian, 47s., both duty paid, Forward offers are: Chinese, 55s.; Brazilian, 42s, 6d., per lb., both c.i.f., prompt shipment.

MERCURY. — Spot quotations are from £73 to £73 10s. per flask, ex warehouse.

Papain.—Easier forward. East African, No. 1 is 39s, per lb., c.i.f., and Ceylon sun-dried, 30s., c.i.f.

QUASSIA.—Chips are available on the spot at 35s, per cwt.; forward offers are somewhat firmer at 32s, 6d., c.i.f.

Rhubarb.—Shensi is 11s. 6d. per lb.; Double Deer No. 1, 8s.; other grades of Chinese rough round at from 3s. 9d. to 6s., all duty paid.

Seeds.—Anise.—Turkish, spot London, is 135s. per cwt., in bond, and 150s., duty paid. New-crop Cyprus for June shipment is now quoted at 130s., c.i.f. Caraway.—Dutch offered at 100s. per cwt., duty paid, London. Celery.—Indian is 1s. 10½d, per lb, with no business passing. Coriander.—Market idle. Spot: Morocco, 67s. 6d, per cwt., duty paid (62s. 6d., in bond); Argentine splits, 65s., duty paid. New-crop Morocco for June shipment is now 42s. 6d., c.i.f. Cumin.—Market unchanged. Spot: Cyprus, 190s. per cwt.; Indian, 185s.; Malta, 190s.; and Morocco, 195s., duty paid. Shipment, new-crop Cyprus is now quoted at 150s. per cwt., c.i.f., London. Dill.—Indian is 80s., spot London. Fennel.—Indian is now offered at 190s., spot London. French unchanged at 185s., duty paid. Fenugreer. — Market weak. Morocco, spot London or Liverpool. 40s., duty paid. Mustard. — English, 65s. to 105s., according to quality.

SENNA. — Tinnevelly Leaves quotations are as follows: Prime No. 1, 1s. 5½d, per lb., nominal and Prime No. 2, 1s, 3½d., spot; May-June delivery of f.a.q., dry-crop, No. 1, 1s. 1d.; No. 2, 10½d, and No. 3, 8½d., all c.i.f., Podd.; second grade, 1s. 9d., c.i.f., and f.a.q., 1s. 2d., c.i.f., and 1s, 10½d, spot. Alexandria hand-picked Podd. No. 1 from 6s. 6d. per lb., upwards; medium, 4s. 6d, to 4s, 9d., and manufacturing, 2s. to 2s. 3d., spot, and 2s., c.i.f. Leaves are 11d., and siftings, 10d. per lb., spot.

SHELLAC. — Spot quotations are: F.O.T.N., pure, 195s.; F.O. Standard No. 1, 220s.; fine orange, 240s, to 315s, per cwt., ex-Loudon warehouse.

Strophanthus.—Kombé, 100 per cent. is quoted at 18s, per lb. on the spot. Gratus shipment prices are nominal at 33s., c.i.f.; spot material, 34s, per lb.

STYRAX.—Spot is 7s. 9d. per lb., duty paid.

Tamarinds.—Quiet. Barbados are about 45s. per cwt. on the spot; Antiguan, 42s. and dry Calcutta, 70s.

Turmeric.—Madras finger on the spot is 65s, per cwt., nominal. Forward offers are 52s, 6d., c.i.f.

Vanillin.—Rates (per lb.) are as follows:—5-cwt. lots, 45s.; 1-cwt., 45s. 3d.; 56-lb., 45s. 6d.; smaller quantities, 45s. 9d.

Essential Oils

ANISE.—Steady. Spot supplies are from 8s. 6d. per lb., according to quantity.

Caraway oil, — English-distilled is offered at 45s,; imported oils in limited supply are from 32s, 6d, per lb., for spot.

Cardamom. — English-distilled is from 500s, per lb, for spot material, and imported, 400s, per lb.

CINNAMON.—B.P. oil on the spot is quoted at from 65s, to 70s, per lb. English bark oil is offered at 22s, 6d, per oz. Ceylon leaf, 13s, 3d, per lb., spot.

CITRONELLA. — Spot prices for original drums are: Ceylon, 4s, 11d, per lb.; Formosa, 5s, 6d.; and Java, 6s, 3d, Forward quotations are: Ceylon, 4s, 7½d.; Formosa, 4s, 4d., and Java, 4s, 6d, per lb., all c.i.f.

EUCALYPTUS.—Drum lots of 70 to 75 per cent, eucalyptol on the spot is from 7s, 3d, to 7s, 6d, per lb, as to source and 80 to 85 per cent., 8s. Forward offers of Australian are 7s, 3d, and 8s, per lb, c.i.f., respectively.

GINGER, — English-distilled oil is from 120s, to 150s, per lb., as to grade. Imported oils are available at from 80s, per lb.

LAVENDER.—French, 40-42 per cent, linalol on the spot is from 43s, 6d, per lb. Spanish spike is 12s, per lb.

LEMON. — Sicilian hand-pressed (4 per cent, citral) is quoted at from 40s, per lb., c.i.f.; spot is from 49s, to 50s.

Nutmeg.—English-distilled oil is from 40s, per lb. Imported oil (B.P.) is easier at 28s, 6d, per lb., duty paid.

ORANGE.—West African and Palestinian are 21s, per lb., spot.

PEPPERMINT. — Chinese arvensis oil on the spot is 34s, per lb. for case lots; Brazilian, 25s.; Italian "Mitcham" type, 62s, 6d, per lb., c.i.f., and 63s, 6d, for spot.

Petitgrain, — Paraguay is easier at source at 21s, per lb., c.i.f. Spot supplies are about 24s, 6d, per lb.

PIMENTO BERRY. — English-distilled oil. 57s. 6d. per lb. Imported oil is from 47s. 6d. per lb., spot.

PINE.—Pumilionis on the spot is quoted at from 18s, to 20s, per lb.; sylvestris is at about 11s, per lb., and Siberian (abietis) is from 18s, to 20s, per lb., duty paid as to holder.

ROSEMARY,—Quiet. Spanish on the spot is from 6s, per lb., duty paid.

Sandalwood, — Mysore oil on spot is from 74s, per lb., as to quantity. Austral asian oil is offered at 45s, per lb.

Spearmint.—Firm. U.S.P. is scarce of the spot at a little over 70s per lb., nominal Vetivert.—Bourbon in original drums

is 182s. 6d. per lb., spot.

NEW BOOKS

New and Non-official Remedies .-American Medical Association, 71 x 41 in. Pp. 782. J. B. Lippincott Co., Aldine House, Bedford Street, London, W.C.2. 27s. The 1951 edition of this American annual compendium of proprietary preparations has been compiled on newly drafted rules for acceptance. Preparations continue to be classified into chapters chiefly according to their action, and subdivided again pharmacologically, chemically or according to source. Each chapter is introduced by a general review of the class of drugs covered. The reviews have, in general, been redrafted in a new standardised form. Graphic formulas are given where possible, and emphasis is laid on the action and uses of the newer products. Other sections give tests and standards for non-official products, and a bibliography.

Surface Chemistry .- A. E. Alexander, M.A., Ph.D. $7\frac{1}{2}$ x 5 in. Pp. 70. 7s. 6d. Longmans Green & Co., Ltd., 6 Clifford Street, London, W.1. Subtitled "An Introduction to its Principles and Applications," the book is a welcome introduction to surface chemistry, itself a subject of in-creasing importance to pharmacists. In an outline of its historical development in the first chapter, the author discusses a paper given by Ascherson to the Paris Academy in 1838, and leads on to the work of Devaux, Hardy and Langmuir in the present century. The succeeding chapters deal with insoluble monolayers at air/ water and oil/water interfaces; adsorbed films at air/water and oil/water interfaces (including surface phenomena in foams and emulsions and in biological systems); the gas/solid interface; the solid/liquid interface; and electrical phenomena at interfaces. There is a full index and the book is illustrated with numerous diagrams and two reproductions.

The Merck Index (Sixth edition).—9 x 6 in. Pp. 1167. \$7.50 (\$8 for thumbindex edition). Merck & Co., Inc., Rahway, New Jersey, U.S.A. The edition now published gives approximately 20,000 names of chemicals and drugs, alphabetically arranged and completely cross-indexed, so that the user can find any item by looking under either the trade, chemical, or common name of the substance. There are also more than 2,000 structural formulæ, names, common or popular names, generic and trade names. Trademark listing is as complete as possible and

thoroughly cross-indexed. Properties and sources of substances, methods of preparation and literature references are given, with indication of uses, whether industrial, medical, or veterinary. Indication is given of commercial availability and grades, such as U.S.P., N.F., and reagent. Empirical formula, molecular weight, and percentage composition are given for all chemicals having a definite structure. There are 100 pages of appendices (coal-tar colours for foods, drugs, and cosmetics; indicators; thermometric equivalents; specific gravity comparisons; boiling temperatures of liquids, solidification temperatures, etc.).

NEWCOMER'S NOTEBOOK 10.—A.B.C.M.

THE Association of British Chemical Manufacturers, 166 Piccadilly, London, W.1, was formed in 1916.

Objects: —To promote co-operation between the firms of the industry and to provide a central body for the industry in its contacts with the Government and Government departments.

Association has played a leading part in connection with all legislation, since its foundation, affecting the industry (such as the Dyestuffs Act, the Key Industry Duties, poisons legislation, the Factory Acts and the revisions of British patent law).

Strictly non-political, the Association is not a trading body and in particular does not concern itself with price or quota conventions or wage negotiations,

Organised in seven groups covering main sections of the industry, Membership (April 1952), 231. Subscription based on capital employed in chemical and closely allied industries.

In 1938 the Association promoted, on its own initiative, the manufacture of medicinal chemicals at that time (a) imported from Germany; (b) covered by German patents; and (c) likely to be essential to the health and well-being of the country in the event of war.

Affiliated to the A.B.C.M. are the Association of British Pharmaceutical Industry, British Chemical Plant Manufacturers' Association, *British Disinfectant Manufacturers' Association, *Animal Medicine Manufacturers' Association, *Association of British Insecticide Manufacturers, *Association of British Sheep and Cattle Dip Manufacturers, Association of Tar Distillers, *British Barytes Producers' Association, *British Colour Makers' Association, British Sulphate of Ammonia Federation, Ltd., Federation of Gelatine and Glue Manufacturers, Ltd., Fertiliser Manufacturers' Association, Ltd., *Industrial Pest Control Association, National Sulphuric Acid Association, Ltd., British Road Tar Association, National Benzole Association (N.B.A.), Ltd.

A directory of British chemicals and their makers, uniquely supported by signed declarations of manufacture, is issued every two years.

*Operated by A.B.C.M., staffs,

CORRESPONDENCE

Letters may be sent for publication under an assumed name, but the correspondent must furnish his real name and address to the Editor.

Good Neighbours

SIR,—The following actually happened in my shop. A prescription brought in by a woman for a large size proprietary had only a small dose to be taken by her child. The woman remarked: "The doctor has given me a lot, because he said that if I knew of another woman in my district who had a child with the same complaint, I could give her some, to save going to

W. P. RICHARDS.

Newcastle-under-Lyme.

Where are the Metric Measures?

Sir,—To avoid the fractional amounts in the Imperial equivalents in the new or modified formulas of the British Pharmaceutical Codex formulary, we deemed it advisable to obtain metric measures. We accordingly placed an order for 10-, 50-, and 100-c.c. conical measures, and 100-, 250-, and 500-c.c. measuring flasks with the representative of a manufacturing chemist with an excellent sundries department. A few days later in reply to an inquiry by telephone as to what was actually wanted, we gave an explanation in detail. So far, after a lapse of some weeks, only one 100-c.c. stamped measure has been received. It would seem that no steps have yet been taken to meet the requirements for metric measures suitable for use at the dispensing counter.

D. C. METRE.

" Old Dobbin"

SIR,—The recent announcement of the death of Dr. Leonard Dobbin in Edinburgh took me back to the far-off days when in Scotland they used to say to a candidate sitting the Qualifying examination: "Well, good luck old chap, and I hope you don't get Old Dobbin.' I got "Old Dobbin" and I have los and I have lost no opportunity during the intervening years of telling how he was almost more than fair to me-finished my volumetric calculation when rule-of-thumb methods had failed to get a result, with consequent serious loss of time. Had it not been for this kindly action I, like many another of my generation, should have had to go back to work to save enough money for another attempt.

Southampton JOHN SWAN.

TRADE MARKS

From the "Trade Marks Journal," May 7

For pharmaceutical preparations, medical and si gical plasters, bandaging materials, bandages a surgical dressings, deodorisers, disinfectants a insecticides (5).

PRITCHARDS, 694,806, by Pritchards, Lt. Cheadle. FRENANTOL, 702,720, by Labo toires Laroche Navarron, Levallois-Perr

France.

For veterinary medicines for sale in the Unit Kingdom (5).

TYCINE, 703,124. by Bayer Products, Ltd., Ltdon, W.C.2. For veterinary medicines being goods for exp

TYCINE, 703.129, by Winthrop Products, Lt London, S.W.I.

For insecticides and fungicides (5).

DIDIMAC, 704,022, by Plant Protection, Lt Yalding. MAFARIN, 705,875, by Genatos Ltd., Ipswich.

For pharmaceutical preparations and substances (JERTOX, 704,051, by Thornton & Ross, Lt Huddersfield. PABALATE, 704,320, by A. Robins Co., Inc., Virginia, U.S.A. HORM TRIAD, B704,484. by Allied Laboratories, Lt London, W.1. COBEVIT, 705,183, by Arm. & Co., Ltd., London, E.C.1. PYCAZII 705,401, by Herts Pharmaceuticals, Ltd., Welv Cordon, City, NEOCEPER'S, 1992, 501, Early Garden City. NEOTEBEN, 705,589, by Farb fabriken Bayer, Leverkusen. NORACIN, 705,6 by Ward, Blenkinsop & Co., Ltd., Lond W.I. DISMOTALS, 705,871, by the Br Manufacturing Co., Ltd., Ashton-in-Makerfi

For oils being veterinary preparations for treat pigs, insecticides, fungicides and herbicides c sisting mainly of petroleum (5).

ESSO, 704,786, by Esso Standard Oil Co., N York, U.S.A.

COMING EVENTS

Tuesday, May 27

EAST METROPOLITAN BRANCH, PHARMACEUTICAL CIETY, Stratford Church Institute, 27 Romf Road, London, E.15, at 8 p.m. Annual meeti

Wednesday, May 28

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY, V to pharmaceutical department, Guy's Hospi London, S.E.1, at 3 p.m.

Merseyside Branch, National Association Women Pharmacists, Lady Lever Art Gall-Port Sunlight, at 2,30 p.m. Visit, At 5,30 p. tea at Bridge Inn. At 7 to 8,30 p.m., we tour.

Western [London] Pharmacists' Association, 7 Bloomsbury Square, London, W.C.1, at 7 7.30 p.m. Annual meeting followed by memb open evening.

Thursday, May 29

ABERDARE AND MERTHYR BRANCH, PHARMACEUT SOCIETY, Aberdare Golf Club, at 1 p.m. Eig open summer meeting (last cards 5.30 p.m.). LEEDS BRANCH, NATIONAL PHARMACEUTICAL UN Hotel Metropole, Leeds, at 7,30 p.m. An meeting and address by Mr. T. Heseltine a member of the N.P.U. Executive).







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